



INDIANA COMMISSION  
HIGHER *for* EDUCATION

## MEMORANDUM

**To:** Those Concerned  
**From:** Stan Jones  
**Date:** February 3, 2006  
**Subject:** Commission Meeting

Enclosed are agenda materials for the February Commission meeting. The meeting schedule is as follows:

### Thursday, February 9, 2006

\* **6:00 p.m. - 9:00 p.m.** **Dinner Briefing** (*public meeting*), University Place Hotel, Purdue Room, 2<sup>nd</sup> Floor, IUPUI Campus, 850 W. Michigan St., Indianapolis, Indiana

### Friday, February 10, 2006

\* **8:00 a.m. - 9:15 a.m.** **Breakfast Briefing** (*public meeting*), University Place Hotel, Purdue Room, 2<sup>nd</sup> Floor, IUPUI Campus, 850 W. Michigan St., Indianapolis, Indiana

\* **9:30 a.m. - 12:00 p.m.** **Commission Meeting** (*public meeting*), University Place Conference Center, Room 132, IUPUI Campus, 850 W. Michigan St., Indianapolis, Indiana

If you have questions, suggestions, or need a reasonable accommodation, please contact this office.

\* The Commission for Higher Education abides by the Indiana Open Door Law (Indiana Code 5-14-1.5). All business meetings are open to the public. (Meals will not be provided.)



# **A G E N D A**

Commission for Higher Education

## ***COMMISSION MEETING***

### **University Place Conference Center**

Room 132, IUPUI Campus  
850 W. Michigan Street  
Indianapolis, IN 46204  
Phone: 317-274-3876  
Fax: 317-274-3878

**Friday, February 10, 2006**

<b>I.</b>	<b>CALL TO ORDER -- 9:30 a.m.</b>	
<b>II.</b>	<b>ROLL CALL OF MEMBERS AND DETERMINATION OF A QUORUM</b>	
<b>III.</b>	<b>COMMISSIONER'S REPORT</b>	
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<b>X. ADJOURNMENT --</b> Approximately 12:00 p.m.	

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The next meeting of the Commission will be on March 10, 2006, in Indianapolis



**State of Indiana  
Commission for Higher Education**

**Minutes of Meeting**

**January 13, 2006  
Friday**

**I. CALL TO ORDER**

The Commission for Higher Education met in regular session starting at 10:00 a.m. at University Place Conference Center, Room 137, IUPUI campus, 850 W. Michigan St., Indianapolis, Indiana, with Chairman Ralston presiding.

**II. ROLL CALL OF MEMBERS AND DETERMINATION OF A QUORUM**

*Members Present:* Dennis Bland, Jon Costas, Kathy Dale, John Fernandez, Vito Iovino, Richard Johnson, Byron Klute, Nancy Ralston

*Members Attending via Conference Call:* Chris Murphy, Daniel Tuley

*Members Absent:* Robert Bowen, Fred Cate, Norma Fewell, Marilyn Moran-Townsend

The following institutional presidents attended the meeting: None. Dr. Hans Giesecke, President of the Independent Colleges of Indiana, was present.

**III. COMMISSIONER'S REPORT**

Commissioner Jones announced that the Conference for University Trustees would be held on Friday, April 21, 2006.

He announced that Mr. John Fernandez is resigning from the Commission to accept a position at Indiana University Bloomington in the College of Arts and Sciences as the Executive Director of Development and Alumni Affairs. He thanked Mr. Fernandez for his service on the Commission and wished him well.

He also announced that President Martin Jischke has been selected as the next Chairman of the Association of American Universities, a national association that represents research universities. Commissioner Jones noted the importance of this appointment and offered President Jischke the Commission's congratulations.

**IV. CONSIDERATION OF THE MINUTES OF THE DECEMBER COMMISSION MEETING**

**R-06-01.1 RESOLVED:** That the Commission for Higher Education hereby approves the Minutes of the December 2005 regular meeting. (Motion – Dale, second - Fernandez, unanimously approved)

## V. DECISION ITEMS

### A. Capital Projects

#### 1. Boiler Plant Replacement and Chilled Water Plant Improvements A&E at Ball State University

Mr. Thomas Kinghorn, Vice President for Business Affairs, described the project, highlighting specific points within the published agenda materials.

Discussion followed regarding the design and estimated cost of the project.

Mr. Bernie Hannon, Associate Commissioner for Facilities and Financial Affairs, pointed out that this project request focuses on only \$3.2 million of this project, which is for planning and design, and not the full project cost. He said this project also involves a statewide issue of upgrading power plants at the larger, older campuses across the state. He stated that, as mandated by the Governor and the General Assembly, and coordinated by the State Budget Agency, Ball State University worked in conjunction with the Government Efficiency and Financial Planning (GEFP) group within the Office of Management and Budget to explore alternative options for ownership and operation of power plants, such as privatization or joint ownership. It was determined that Ball State should own and operate its own power plant. Once a more exact final cost has been determined, the University will come back to the Commission for approval to move forward with the construction of the project. He gave the staff recommendation.

Discussion followed regarding privatization proposals, GEFP's recommendation that Ball State own and operate the power plant, and projected operating costs.

Mr. Chris Johnston, [Director, Government Efficiency and Financial Planning, Office of Management and Budget](#), stated that GEFP is not prescribing a technical solution. Each of the studies that were conducted indicates a wide range of options in terms of the types of technical solutions that are available in the marketplace. He said each of the options also indicated a more viable figure of \$34 million to complete the project.

Mr. Kinghorn added that the University would go through a permit process with the EPA as it works its way through to a solution. EPA's recommendations would also affect the University's next steps.

**R-06-01.2 RESOLVED:** That the Commission for Higher Education hereby recommends approval to the State Budget Agency and the State Budget Committee of the project *Boiler Plant Replacement and Chilled Water Plant Improvements A&E at Ball State University*, as described in the project description and staff analysis dated December 21, 2005. (Motion - Iovino, second - Murphy, unanimously approved)

#### 2. Service Building Relocation on the Indiana University Bloomington Campus as part of the Central Heating Plant Renovation Phase I Project

Mr. Terry Clapacs, Vice President for Administration, described the project.



Mr. Hannon stated that it has not yet been determined whether or not Indiana University should own and operate its own power plant. He gave the staff recommendation.

**R-06-01.3 RESOLVED:** That the Commission for Higher Education hereby recommends approval to the State Budget Agency and the State Budget Committee of the project *Service Building Relocation on the Indiana University Bloomington Campus as part of the Central Heating Plant Renovation Phase I Project*, as described in the project description and staff analysis dated January 4, 2006. (Motion - Johnson, second - Bland, unanimously approved)

**3. Lease of Space at 919 E. 10<sup>th</sup> Street, Bloomington, IN, on the Indiana University Bloomington Campus**

Mr. Clapacs explained that the property will be owned by the IU Foundation, and the University will lease the property for 20 years, at which time the Foundation will turn the deed over to the University. He described the project.

Mr. Hannon commented on the benefits of this lease to the University. He pointed out that no state funds are being requested. He gave the staff recommendation.

**R-06-01.4 RESOLVED:** That the Commission for Higher Education hereby recommends approval to the State Budget Agency and the State Budget Committee of the project *Lease of Space at 919 E. 10<sup>th</sup> Street, Bloomington, IN, on the Indiana University Bloomington Campus*, as described in the project description and staff analysis dated December 27, 2005. (Motion - Fernandez, second - Dale, unanimously approved)

**4. Windsor Residence Halls Renovation at the Purdue University West Lafayette Campus**

Mr. Kevin Green, Director of State Relations, described the project.

Ms. Dale asked Mr. Green to explain the importance of residence halls in the recruitment of students. Mr. Green stated that it is a source of comfort to parents to have the option of placing their children in a controlled environment with some security and supervision, in a community of their peers, and where meals are provided.

Mr. Hannon pointed out that no state funds are being requested. He stated that national data indicate that students who live on-campus in residence halls are more likely to be engaged in academic pursuits and have improved retention rates. He gave the staff recommendation.

**R-06-01.5 RESOLVED:** That the Commission for Higher Education hereby recommends approval to the State Budget Agency and the State Budget Committee of the project *Windsor Residence Halls Renovation at the Purdue University West Lafayette Campus*, as described in the project description and staff analysis dated December 27, 2005. (Motion - Dale, second - Murphy, unanimously approved)

**B. Acceptance of Public Institution Student Information System (SIS) Data for 2004-2005**

Ms. Jennifer Seabaugh presented the 2004-2005 SIS data. She gave the staff recommendation.

**R-06-01.6 RESOLVED:** That the Commission for Higher Education hereby adopts the 2004-2005 Annual Student Information System data for Indiana University, Purdue University, Ball State University, Indiana State University, University of Southern Indiana, Vincennes University and Ivy Tech Community College of Indiana as the official source for Commission analyses on all pertinent subjects as submitted by the institutions, in accordance with the supporting documentation, January 10, 2006. (Motion - Johnson, second - Bland, unanimously approved)

**C. 2005 STAC Progress Report**

Dr. Ione DeOllos, Chair of STAC, asked any STAC members who were present to stand. She thanked the members for their efforts and service. She commented on the areas of progress that the Committee made in 2005.

Dr. Kenneth Sauer, Associate Commissioner for Research and Academic Affairs, briefly presented a historical review of STAC. He highlighted specific items within the progress report, emphasizing that there has been a 40 percent increase in the number of Ivy Tech courses and an eight percent increase in the number of VU courses that are accepted by the four-year institutions. He stated that Business Administration and Nursing are two areas that need additional attention. Dr. Sauer explained how the General Assembly's mandated Core Transfer Library, with a minimum of 70 transfer courses, will be determined.

Responding to a question from Mr. Iovino, Dr. Sauer stated that the problems of courses transferring from four-year to four-year institutions are minimal compared to the two- to four-year transfers, which is why STAC has concentrated on the two-year institutions. He added that there is also the issue of four-year to two-year course transfers, but the paperwork involved in all of the course transfers is overwhelming and it emphasizes the need for a transfer website.

Mr. Fernandez asked Dr. Sauer if he could define the scope of the problem with transferring courses from the two- to four-year institutions. Dr. Sauer stated that there are no statistics representing the number of course transfers that have been denied; however, the SIS data will now include the number of students who transferred credits and the number of credits that are transferred from Ivy Tech or VU to a specific four-year institution.

Ms. Dale stated that these course articulations are extremely important to the success of the secondary education's Dual Credit and Advanced Placement programs. She said it is also important if the state is to have a truly seamless P-16 approach to education. Dr. Sauer added that, as the Core Transfer Library courses are determined, STAC will be watching for any overlaps of Dual Credit courses. It would be desirable to offer Dual Credit courses that would be transferable across the four-year postsecondary educational system.

Commissioner Jones stated that other states have developed a list of general education common core courses that would transfer as a whole from two-year to four-year institutions. Dr. Sauer stated that ten years ago Indiana was at the bottom of the list of course transfers nationally, but is now in the middle of the pack and inching toward being front-runners. Those states that are listed as front-runners (Ohio, Illinois, and Missouri) do have the type of general education core transfer system that the Commissioner described. Commissioner Jones suggested that this issue be added to STAC's agenda.

Responding to a question from Mr. Johnson, Dr. Sauer stated that there many reasons why a transfer might be rejected. They typically relate to how long it has been since a student took a specific course, such as in the sciences. There are also courses that could be accepted for transfer, but are not equivalent to on-campus courses due to the design of the syllabus. Dr. DeOllos added that there are also instances in which the four-year institution does not have an equivalent course, such as in the agricultural sciences.

Commissioner Jones stated that he would like to see Indiana have a clear course transfer numbering system so that courses such as Psychology 101 at a two-year institution would transfer as Psychology 101 at a four-year institution. Dr. Sauer confirmed that the legislation calls for the institutions to publicize this information, and students are more in tune now to search a website for transferable courses. Dr. DeOllos added that STAC discussed course designation at its last meeting.

Dr. Marnia Kennon, Vice President for Academic Affairs at Ivy Tech, pointed out that the data reflects the growth of transfer in Indiana, and its complexity. She presented ideas on how to make transfer better, not just bigger, such as a more coherent, concise, and consistent approach to transfer. In order for transfer to be successful in Indiana and for the state to maximize the benefits of the statewide community college, she said that the vast differences presented in the progress report on how courses transfer between Ivy Tech and other campuses need to be addressed. She said the state needs to move more rapidly in achieving parity in the number of courses that transfer between Ivy Tech and VU to the four-year institutions. Dr. Kennon supported the idea of counting transfer students to help determine how well transfer is working. She suggested that the Commission begin with the 2004-05 SIS data to establish a baseline of where Indiana was and move rapidly from the baseline in terms of a qualitative analysis, based on the principles that were adopted in 2002, of the students' experience, how students are persisting, and how students are graduating. She believes there should be a clearer definition of "transfer" that will allow STAC to compare Indiana with national transfer activities. Dr. Kennon stated that the College is extremely interested in the common core transfer approach, and believes that it would alleviate the consistency problems. She commented on Ivy Tech's new strategic plan, which includes a focus on degree completion. The College proposes to increase the number of graduates and transfer students by 50 percent by 2010. She explained that the College plans to meet this goal by meeting with each university to explore ways in which transfer opportunities can be improved.

**R-06-01.7      RESOLVED:** That the Commission for Higher Education hereby adopts the *Statewide Transfer and Articulation Committee (STAC): 2005 Progress Report*; and

That the Commission instructs staff to transmit the report to the General Assembly. (Motion - Dale, second - Klute, unanimously approved)

## **VI. DISCUSSION ITEMS**

### **A. Inventing the 21<sup>st</sup> Century Community College**

Dr. Carol D'Amico, Executive Vice President at Ivy Tech, introduced Mr. Brian Bosworth, President of Futureworks, Inc., a consulting and policy development firm that designs and builds the strategies and institutions that promote sustainable, skill-based regional economic growth. She stated that Mr. Bosworth has been helping Ivy Tech for the past two years to develop its strategic plan. She added that Mr. Bosworth's services are supported through a grant from the Lumina Foundation for Education.

Mr. Bosworth commented on national trends in and missions of community college systems, described Futureworks' contract with Ivy Tech, and summarized its proposed approach to planning for the College. He emphasized that, within the current labor market, there is not only an increasing importance of a postsecondary education, but also a decreasing value of having only a high school education. He said that employers are becoming highly dependent on a person's credentials. Ms. Dale asked what that statement is based on. Mr. Bosworth responded that credentials determine the economic consequence to the individual. He continued by saying that the most important element is the capacity of skill-building institutions, in which Indiana is lagging. Institutions must expand their capacity to quickly, responsibly, and flexibly increase the number of graduates in a variety of areas as the economy evolves. He said the labor market in Indiana for sub-baccalaureate, technically proficient individuals is dependent on Indiana's institutions, which increases the importance of Ivy Tech. Mr. Bosworth commented on Ivy Tech's competition with associate degrees that are offered at the four-year institutions.

Commissioner Jones added that many more students than in the past are choosing to begin their education at Ivy Tech because of its lower tuition. Mr. Iovino added that many incoming freshman are taking remediation courses at Ivy Tech instead of a four-year institution for the same reason.

Referring to Ivy Tech's ambitious goal of increasing degree completions, Commissioner Jones stated that he believes that it is important for Ivy Tech to focus on multiple outcomes.

Mr. Costas asked what mechanisms are currently in place for Ivy Tech to understand regional employer needs and what the best practices might be. Mr. Bosworth responded that the Department of Workforce Development has provided funding to the regional workforce boards to analyze the regional economy and identify the high-demand occupations, and Ivy Tech has been working closely with those workforce boards. A tighter connection between the regional workforce boards and the Ivy Tech regions will help define those high-demand occupations, and will help introduce Ivy Tech to the proper individuals to collaborate with to produce individuals that are qualified for those occupations.

Mr. Klute asked for an example of an employer who is successful in recruiting individuals that would be valuable to their business. Mr. Bosworth cited Clarian Health Care's commitment to upgrading its employees' skills at all levels by devising internal training programs that give employees in low-end jobs, such as housekeeping and food service, an opportunity to increase their skills and pursue higher level credentials. Ivy Tech offers a program in which Clarian employees can bridge from a CNA (Certified Nursing Assistant) to an LPN (Licensed Practical Nurse) and bridge further to an associate degree.

Mr. Johnson asked if Ivy Tech should decentralize its management to various areas of the state to be more responsive to educational needs. Mr. Bosworth stated that the College is currently on the decentralized side of the line. He believes more aggressive state leadership is needed where degree programs are concerned. Because Ivy Tech is a single-state institution, individual campuses should not be required to obtain degree program approvals. He said there should be a more aggressive state program design capability with flexible local delivery.

Responding to a question from Mr. Fernandez regarding public institution discourse over the evolution of 2+2 articulations, Mr. Bosworth stated that articulation agreements are beneficial to students who intend to transfer to a four-year institution, but it should not be a driving factor for the entire Ivy Tech system. The College should be more concerned about assisting larger numbers of students to degree completion.

Mr. Bosworth stated that it should be the Commission's mission to determine how best to develop a strong, sub-baccalaureate, postsecondary education and training institution, not a two-year or junior college or a feeder system for the four-year institutions.

Referring to Mr. Bosworth's comments on the importance of credentials, Mr. Bland expressed his concern for those students who have a credential but are unable to spell it. He referenced a newspaper article that reported the decline of literacy rates, including those with college degrees. He said there has been so much emphasis on the fast-paced, compressed programs that individuals are receiving credentials without being properly prepared for competition in the workplace. Mr. Bosworth concurred with Mr. Bland's concerns. He said that Ivy Tech cannot afford to push aggressively to compress delivery and modularize programs in order to gain increases in degree completion in a manner that limits current levels of program quality or that does not allow the College to press for higher levels of quality and competency. He believes that the effort to push completions will cause pressure to develop new kinds of modularized programs with compressed delivery and will in turn offer opportunities to strengthen the quality of education in important ways. This is especially important for the non-traditional student.

Mr. Murphy questioned the distinction between a junior college and Ivy Tech and each of their focuses on education. Mr. Bosworth explained that many community colleges were established in the 1960's when student enrollment increased more rapidly than the four-year institutions could handle. Their intent was to provide a non-residential institution that students could attend for the first two years of their education. He said most of those colleges were labeled "junior" colleges and were expected to have the same program structure as the traditional four-year institution.

Dr. D'Amico thanked the Commission for inviting Mr. Bosworth to speak. She is hopeful that the Commission has a better understanding of why the College values his expertise. She noted that his recommendations have not yet been endorsed by Ivy Tech's Board of Trustees, but will be presented to them in February.

## **B. Critical Postsecondary Education Issues in Indiana**

This item was postponed.

**VII. INFORMATION ITEMS**

- A. Status of Active Requests for New Academic Degree Programs
- B. Capital Improvement Projects on Which Staff Have Acted
- C. Capital Improvement Projects Awaiting Action

There was no discussion of these items.

**VIII. NEW BUSINESS**

There was none.

**IX. OLD BUSINESS**

There was none.

**X. ADJOURNMENT**

The meeting was adjourned at 12:15 p.m.

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Nancy Ralston, Chairman

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Kathy Dale, Secretary

**State of Indiana  
Commission for Higher Education**

**Resolutions**

**January 13, 2006**

<b><u>Resolution Number</u></b>	<b><u>Resolution</u></b>	<b><u>Action</u></b>
<b>R-06-01.1</b>	<b>RESOLVED:</b> That the Commission for Higher Education hereby approves the Minutes of the December 2005 regular meeting. (Motion – Dale, second - Fernandez, unanimously approved)	Approved
<b>R-06-01.2</b>	<b>RESOLVED:</b> That the Commission for Higher Education hereby recommends approval to the State Budget Agency and the State Budget Committee of the project <i>Boiler Plant Replacement and Chilled Water Plant Improvements A&amp;E at Ball State University</i> , as described in the project description and staff analysis dated December 21, 2005. (Motion - Iovino, second - Murphy, unanimously approved)	Approved
<b>R-06-01.3</b>	<b>RESOLVED:</b> That the Commission for Higher Education hereby recommends approval to the State Budget Agency and the State Budget Committee of the project <i>Service Building Relocation on the Indiana University Bloomington Campus as part of the Central Heating Plant Renovation Phase I Project</i> , as described in the project description and staff analysis dated January 4, 2006. (Motion - Johnson, second - Bland, unanimously approved)	Approved
<b>R-06-01.4</b>	<b>RESOLVED:</b> That the Commission for Higher Education hereby recommends approval to the State Budget Agency and the State Budget Committee of the project <i>Lease of Space at 919 E. 10<sup>th</sup> Street, Bloomington, IN, on the Indiana University Bloomington Campus</i> , as described in the project description and staff analysis dated December 27, 2005. (Motion - Fernandez, second - Dale, unanimously approved)	Approved
<b>R-06-01.5</b>	<b>RESOLVED:</b> That the Commission for Higher Education hereby recommends approval to the State Budget Agency and the State Budget Committee of the project <i>Windsor Residence Halls Renovation at the Purdue University West Lafayette Campus</i> , as described in the project description and staff analysis dated December 27, 2005. (Motion - Dale, second - Murphy, unanimously approved)	Approved

- R-06-01.6**     **RESOLVED:** That the Commission for Higher Education hereby adopts the 2004-2005 Annual Student Information System data for Indiana University, Purdue University, Ball State University, Indiana State University, University of Southern Indiana, Vincennes University and Ivy Tech Community College of Indiana as the official source for Commission analyses on all pertinent subjects as submitted by the institutions, in accordance with the supporting documentation, January 10, 2006. (Motion - Johnson, second - Bland, unanimously approved)     Approved
- R-06-01.7**     **RESOLVED:** That the Commission for Higher Education hereby adopts the *Statewide Transfer and Articulation Committee (STAC): 2005 Progress Report*; and     Approved
- That the Commission instructs staff to transmit the report to the General Assembly. (Motion - Dale, second - Klute, unanimously approved)



## COMMISSION FOR HIGHER EDUCATION

Friday, February 10, 2006

### DECISION ITEM A-1:

#### Associate of Science in Education (Secondary Education) To Be Offered by Ivy Tech Community College of Indiana-South Bend in South Bend

### Staff Recommendation

That the Commission for Higher Education approve the Associate of Science in Education (Secondary Education) to be offered by Ivy Tech Community College of Indiana-South Bend in South Bend, in accordance with the background discussion in this agenda item and the *Abstract*, January 27, 2006; and

That the Commission consider recommending new state funds during a future budget cycle, in accordance with the supporting document, *New Academic Degree Program Proposal Summary*, January 27, 2006

### Background

Ivy Tech Community College of Indiana has proposed the Associate of Science (A.S.) in Education (Secondary Education) – initially for the South Bend campus, eventually for other campuses – to address what is perceived to be a national and state challenge of significant proportions: the retirement of many elementary and high school teachers over the coming years. At the state level, the College reports that 7,000 teachers will be eligible for retirement in the next two years. The College further reports that one-third of all public school teachers are age 50 or over, and more than six of every 100 teachers are leaving the profession each year.

Ivy Tech South Bend and Indiana University South Bend have worked out an articulation agreement between the proposed program and the IU South Bend Bachelor of Science (B.S.) in Secondary Education, which prepares students to become licensed high school teachers. The Ivy Tech program has two specializations – social studies and foreign languages – and would prepare students to pursue the B.S. in Secondary Education in these two disciplines. Students who complete the proposed degree will also be able to satisfy educational requirements for paraprofessionals under No Child Left Behind (NCLB) Act of 2001, which has increased the qualifications for paraprofessionals.

## **Supporting Documents**

- (1) *Abstract – Associate of Science in Education (Secondary Education) To Be Offered by Ivy Tech Community College of Indiana-South Bend in South Bend, January 27, 2006*
- (2) *New Academic Degree Program Proposal Summary – A.S. in Education (Secondary Education), January 27, 2006*

## **Abstract**

Associate of Science in Education (Secondary Education)  
To Be Offered by  
Ivy Tech Community College of Indiana-South Bend in South Bend

January 27, 2006

**Objectives:** To prepare students for careers in secondary education, and to give students the opportunity to complete the Bachelor of Science degree in Secondary Education at Indiana University at South Bend.

**Clientele to be Served:** Traditional students, both full- and part-time, who are recent high school graduates, non-traditional adult students who are underemployed or preparing to enter/re-enter the workforce, students pursuing a baccalaureate degree who want to start at a community college, and currently employed teacher aides who need to complete 60 hours of study as recently mandated by federal legislation.

**Curriculum:** A total of 66 credit hours is required to complete the program, distributed as follows:

### General Education (48 credit hours)

#### *Required for both concentrations*

- Humanities (12)
- Life and Physical Science (3)
- Mathematics (3)
- Computer Science (3)
- Electives (12)
- Social and Behavioral Science
  - \* Introduction to Sociology (3)
  - \* Introduction to Psychology (3)

#### *Social Studies*

- \* Introduction to American Govt. and Politics (3)
- \* Principles of Macroeconomics (3) **or**
- \* Principles of Microeconomics (3)
- \* Social Science Electives (3)

#### *Foreign Language*

- \* Elementary Spanish (3)
- \* Elementary Spanish II (3)
- \* Intermediate Spanish (III) (3)

### Education Courses (18 credit hours)

- Introduction to Teaching (3)
- Educational Psychology (3)
- The Exceptional Child (3)
- Using Computers in Education (3)
- Practicum (3)
- Contemporary Issues in Education (3)

***Employment Possibilities:*** Graduates may find employment as teaching paraprofessionals and as substitute teachers. Graduates who transfer to IU South Bend and complete the bachelor's degree in Secondary Education may expect employment in grades 7-12 in foreign language or social science in the public or private schools.

## NEW ACADEMIC DEGREE PROGRAM PROPOSAL SUMMARY

January 27, 2006

### I. Prepared by Institution

Institution/Location: Ivy Tech Community College of Indiana-South Bend to be offered in South Bend

Program: A.S. in Education (Secondary Education)

	Year 1 FY2006	Year 2 FY2007	Year 3 FY2008	Year 4 FY2009	Year 5 FY2010
Enrollment Projections (Headcount)					
Full-Time	<u>18</u>	<u>28</u>	<u>30</u>	<u>31</u>	<u>31</u>
Part-Time	<u>7</u>	<u>14</u>	<u>15</u>	<u>17</u>	<u>17</u>
Total	<u>25</u>	<u>42</u>	<u>45</u>	<u>48</u>	<u>48</u>
Enrollment Projections (FTE)					
Full-Time	<u>18</u>	<u>28</u>	<u>30</u>	<u>31</u>	<u>31</u>
Part-Time	<u>4</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>9</u>
Total	<u>22</u>	<u>35</u>	<u>38</u>	<u>40</u>	<u>40</u>
Degree Completions Projection	<u>0</u>	<u>2</u>	<u>8</u>	<u>8</u>	<u>10</u>
New State Funds Requested (Actual) *	<u>79,418</u>	<u>24,374</u>	<u>21,654</u>	<u>17,896</u>	<u>19,757</u>
New State Funds Requested (Increases) *	<u>79,418</u>	<u>(55,044)</u>	<u>(2,720)</u>	<u>(3,758)</u>	<u>1,861</u>

### II. Prepared by CHE

New State Funds To Be Considered For Recommendation (Actual) *	<u>79,418</u>	<u>24,374</u>	<u>21,654</u>	<u>17,896</u>	<u>19,757</u>
New State Funds To Be Considered For Recommendation (Increases) *	<u>79,418</u>	<u>(55,044)</u>	<u>(2,720)</u>	<u>(3,758)</u>	<u>1,861</u>

CHE Code: 04-10

Campus Code: 8423

County Code: St. Joseph

Degree Level: 2

CIP Code: Federal – 130101; State – 130101

Comment: Budget calculations are based on the assumption that Year 1 = FY2006.

\* Excludes new state dollars that may be provided through enrollment change funding.



## COMMISSION FOR HIGHER EDUCATION

Friday, February 10, 2006

### DECISION ITEM A-2:

#### Associate of Science in Education (Elementary Education) To Be Offered by Ivy Tech Community College of Indiana- Terre Haute in Terre Haute

#### Staff Recommendation

That the Commission for Higher Education approve the Associate of Science in Education (Elementary Education) to be offered by Ivy Tech Community College of Indiana-Terre Haute in Terre Haute, in accordance with the background discussion in this agenda item and the *Abstract*, January 27, 2006; and

That the Commission consider recommending new state funds during a future budget cycle, in accordance with the supporting document, *New Academic Degree Program Proposal Summary*, January 27, 2006

#### Background

Ivy Tech Community College of Indiana has proposed the Associate of Science (A.S.) in Education (Elementary Education) – initially for the Terre Haute campus, soon to be followed for other campuses – to address what is perceived to be a national and state challenge of significant proportions: the retirement of many elementary and high school teachers over the coming years. At the state level, the College reports that 7,000 teachers will be eligible for retirement in the next two years. The College further reports that one-third of all public school teachers are age 50 or over, and more than six of every 100 teachers are leaving the profession each year.

Ivy Tech Terre Haute and Indiana State University have worked out an articulation agreement between the proposed program and the ISU Bachelor of Science (B.S.) in Elementary Education, which prepares students to become licensed elementary school teachers. Students who complete the proposed degree will also be able to satisfy educational requirements for paraprofessionals under No Child Left Behind (NCLB) Act of 2001, which has increased the qualifications for paraprofessionals.

#### Supporting Documents

- (1) *Abstract – Associate of Science in Education (Elementary Education) To Be Offered by Ivy Tech Community College of Indiana-Terre Haute in Terre Haute*, January 27, 2006
- (2) *New Academic Degree Program Proposal Summary – A.S. in Education (Elementary Education)*, January 27, 2006

## **Abstract**

Associate of Science in Education (Elementary Education)  
To Be Offered by  
Ivy Tech Community College of Indiana-Terre Haute in Terre Haute

January 27, 2006

**Objectives:** To prepare students for careers in elementary education, and to give students the opportunity to complete the Bachelor of Science degree in Elementary Education at Indiana State University.

**Clientele to be Served:** Traditional students, both full- and part-time, who are recent high school graduates, non-traditional adult students who are underemployed or preparing to enter/re-enter the workforce, students pursuing a baccalaureate degree who want to start at a community college, and currently employed teacher aides who need to complete 60 hours of study as recently mandated by federal legislation.

**Curriculum:** A total of 64 credit hours are required to complete the program, distributed as follows:

### General Education (48 credit hours)

- Art Appreciation (3)
- Introductory Biology (4)
- Economics Fundamentals (3)
- English Composition (3)
- Exposition & Persuasion (3)
- Introduction to World Literature (3)
- World Geology (3)
- \Survey of American History II (3)
- World Civilization II (3)
- Functional Mathematics (3)
- Introduction to Psychology (3)
- Physical Science (3)
- Elementary Spanish I & II (8)
- Mathematics for Elementary Teachers (3)

### Education Courses (16 credit hours)

- Introduction to Teaching (3)
- Child Adolescence Growth & Development (3)
- Education and the Community (3)
- Using Computers in Education (3)
- Children's Literature (3)
- Transition to Baccalaureate Education (1)

**Employment Possibilities:** Graduates may find employment as teaching paraprofessionals and as substitute teachers. Graduates who transfer to Indiana State University and complete the bachelor's degree in Elementary Education may expect employment in grades kindergarten through sixth in the public or private schools.



# NEW ACADEMIC DEGREE PROGRAM PROPOSAL SUMMARY

January 27, 2006

## I. Prepared by Institution

Institution/Location: Ivy Tech Community College of Indiana-Terre Haute to be offered in Terre Haute

Program: A.S. in Education (Elementary Education)

	Year 1 FY2006	Year 2 FY2007	Year 3 FY2008	Year 4 FY2009	Year 5 FY2010
Enrollment Projections (Headcount)					
Full-Time	10	18	21	27	27
Part-Time	5	10	15	18	18
Total	15	28	36	45	45
Enrollment Projections (FTE)					
Full-Time	10	18	21	27	27
Part-Time	2	5	7	8	8
Total	12	23	29	35	35
Degree Completions Projection	0	1	6	9	12
New State Funds Requested (Actual) *	55,831	31,895	25,079	13,908	12,090
New State Funds Requested (Increases) *	55,831	(23,936)	6,816	(11,171)	(1,818)

## II. Prepared by CHE

New State Funds To Be Considered For Recommendation (Actual) *	55,831	31,895	25,079	13,908	12,090
New State Funds To Be Considered For Recommendation (Increases) *	55,831	(23,936)	6,816	(11,171)	(1,818)

CHE Code: 04-10

Campus Code: 8547

County Code: Vigo

Degree Level: 2

CIP Code: Federal – 130101; State – 130101

Comment: Budget calculations are based on the assumption that Year 1 = FY2006.

\* Excludes new state dollars that may be provided through enrollment change funding.



## COMMISSION FOR HIGHER EDUCATION

Friday, February 10, 2006

### DECISION ITEM A-3:

#### Associate of Fine Art in Fine Art To Be Offered by Ivy Tech Community College of Indiana-Indianapolis in Indianapolis

#### Staff Recommendation

That the Commission for Higher Education approve the Associate of Fine Art in Fine Art to be offered by Ivy Tech Community College of Indiana-Indianapolis in Indianapolis, in accordance with the background discussion in this agenda item and the *Abstract*, January 27, 2006; and

That the Commission consider recommending new state funds during a future budget cycle, in accordance with the supporting document, *New Academic Degree Program Proposal Summary*, January 27, 2006.

#### Background

The Associate of Fine Art (A.F.A.) in Fine Art proposed by the Indianapolis campus will be the second A.F.A. to be offered by Ivy Tech Community College of Indiana. The first A.F.A. authorized by the Commission was for the South Bend campus, an A.F.A. in Visual Communications, which has an articulation agreement with the B.F.A. offered by Indiana University South Bend. The A.F.A. in Fine Art for Ivy Tech Indianapolis is expected to enroll 60 headcount or 39 FTE students, and graduate eight students per year.

Ivy Tech Indianapolis and IUPUI have developed an articulation agreement between the proposed A.F.A. and the B.S. in New Media, offered by the School of Informatics. While the articulation with the New Media program represents a credible and welcome path for students, a more optimal articulation would be with the Bachelor of Fine Arts (B.F.A.) offered by the IUPUI Herron School of Art and Design. The two campuses are close to reaching an articulation agreement, by means of which A.F.A. graduates could count their credits toward meeting the General Fine Arts track requirements of the B.F.A. After the Associate of Fine Arts has been implemented, and as program enrollments and resources grow, it is expected that the articulation agreement with the B.F.A. can be expanded to include tracks in specific fine arts disciplines, such as painting.

## **Supporting Documents**

- (1) *Abstract – Associate of Fine Art in Fine Art To Be Offered by Ivy Tech Community College of Indiana-Indianapolis in Indianapolis, January 27, 2006*
- (2) *New Academic Degree Program Proposal Summary – A.F.A. in Fine Art, January 27, 2006*

## Abstract

Associate of Fine Art in Fine Art  
To Be Offered by  
Ivy Tech Community College of Indiana-  
Indianapolis in Indianapolis

January 27, 2006

**Objectives:** The program is designed as a transfer degree for those students opting to pursue a Bachelor of Fine Art (B.F.A.), Bachelor of Art (B.A.), or Bachelor of Science (B.S.) in Studio Art, Art History, Art Education or New Media. It also allows Ivy Tech-Indianapolis to support Central Indiana's goal of growing the cultural arts by providing affordable, open access, fine art courses to the community.

**Clientele to be Served:** Students seeking to transfer to a baccalaureate degree in the field of fine arts in drawing, ceramics, printmaking, painting, sculpture and other specialty areas; students taking courses for career training or professional development, and, students wishing to take courses for personal and cultural development without degree aspirations. Students could range from high school students to mature adults.

**Curriculum:** A total of 60 semester credit hours are required to complete the program, distributed as follows:

General Education (27 credit hours)

- \* English Composition I (3)
- \* Exposition and Persuasion (3)
- \* Survey of Art and Culture I & II (6)
- \* Physical Science Elective (3)
- \* Introduction to Psychology (3)
- \* Introduction to Sociology (3)
- \* Fundamentals of Public Speaking (3)
- \* Functional Mathematics (3)

Professional Coursework (33 credit hours)

- \* Life and Object Drawing I & II (6)
- \* Color & Design Theory (3)
- \* Three Dimensional Design (3)
- \* Contemporary Art History (3)
- \* Intermediate Drawing I & II (6)
- \* Painting I (3)
- \* Sculpture I (3)
- \* Printmaking I: Intaglio (3)
- \* Art History Electives (3)

**Employment Possibilities:** The A.F.A. in Fine Art will provide the general education and fine art courses necessary to prepare students for internships in their fields of study, advancement in their profession, and further study in a B.F.A., B.A., or B.S. program in Fine Art. Typical careers in fine art include gallery management, professional artist, art education, graphic design, multimedia, photography, production design, exhibit designer, product design, and others.

# NEW ACADEMIC DEGREE PROGRAM PROPOSAL SUMMARY

January 27, 2006

## I. Prepared by Institution

Institution/Location: Ivy Tech Community College of Indiana-Indianapolis to be offered in Indianapolis

Program: A.F.A. in Fine Art

	Year 1 FY2006	Year 2 FY2007	Year 3 FY2008	Year 4 FY2009	Year 5 FY2010
Enrollment Projections (Headcount)					
Full-Time	<u>3</u>	<u>6</u>	<u>10</u>	<u>15</u>	<u>20</u>
Part-Time	<u>8</u>	<u>18</u>	<u>24</u>	<u>30</u>	<u>40</u>
Total	<u>11</u>	<u>24</u>	<u>34</u>	<u>45</u>	<u>60</u>
Enrollment Projections (FTE)					
Full-Time	<u>3</u>	<u>6</u>	<u>10</u>	<u>15</u>	<u>20</u>
Part-Time	<u>4</u>	<u>8</u>	<u>11</u>	<u>14</u>	<u>15</u>
Total	<u>7</u>	<u>14</u>	<u>21</u>	<u>29</u>	<u>35</u>
Degree Completions Projection	<u>0</u>	<u>1</u>	<u>3</u>	<u>5</u>	<u>8</u>
New State Funds Requested (Actual) *	<u>113,593</u>	<u>97,392</u>	<u>39,043</u>	<u>23,589</u>	<u>-0-</u>
New State Funds Requested (Increases) *	<u>113,593</u>	<u>(16,201)</u>	<u>(58,349)</u>	<u>(15,454)</u>	<u>-0-</u>

## II. Prepared by CHE

New State Funds To Be Considered For Recommendation (Actual) *	<u>113,593</u>	<u>97,392</u>	<u>39,043</u>	<u>23,589</u>	<u>-0-</u>
New State Funds To Be Considered For Recommendation (Increases) *	<u>113,593</u>	<u>(16,201)</u>	<u>(58,349)</u>	<u>(15,454)</u>	<u>-0-</u>

CHE Code: 05-15

Campus Code: 9917

County Code: 49

Degree Level: 2

CIP Code: Federal – 500702; State - 500702

Comment: Budget calculations are based on the assumption that Year 1 = FY2006.

\* Excludes new state dollars that may be provided through enrollment change funding.

## COMMISSION FOR HIGHER EDUCATION

Friday, February 10, 2006

### DECISION ITEM A-4:

#### Associate of Applied Science and Associate of Science in Education – Teaching Paraprofessional To Be Offered by Vincennes University in Vincennes and Jasper

#### Staff Recommendation

That the Commission for Higher Education approve the Associate of Applied Science and Associate of Science in Education – Teaching Paraprofessional to be offered by Vincennes University in Vincennes and Jasper, in accordance with the background discussion in this agenda item and the *Abstract*, January 27, 2006; and

That the Commission recommend no new state funds, in accordance with the supporting document, *New Academic Degree Program Proposal Summary*, January 27, 2006

#### Background

Vincennes University proposes both an Associate of Applied Science (A.A.S.) and an Associate of Science (A.S.) in Education – Teaching Paraprofessional. The A.A.S. option is provided for those students who simply wish to earn a credential that will allow them to work as a paraprofessional (teacher's aide). For those students who wish to continue their education, especially with the goal of becoming a licensed teacher, the A.S. option is provided. If approved, this would become the only Teaching Paraprofessional associate degree in the state. Offering paraprofessionals the option of earning an associate degree is consistent the national No Child Left Behind (NCLB) Act of 2001, which calls for increasing the educational preparation of teachers and paraprofessionals.

For the A.S. option, Vincennes University has developed an articulation agreement with the University of Southern Indiana, which builds on the agreement currently in place between the two institutions for Elementary Education. While an articulation agreement has not yet been completed with Indiana State University for the proposed VU program, ISU has indicated that it will accept the general education courses and any education courses that are part of the existing articulation between the two institutions for Elementary Education. An articulation agreement with ISU is expected in the near future.

During its development, the program was presented to superintendents and assistant superintendents from 13 counties in southern Indiana for review and comment, which resulted in

modifications in course components. VU has supplied letters of support for the program from several area school corporations. A distinctive feature of the program is the incorporation of coursework in assistive technology.

### **Supporting Documents**

- (1) *Abstract – Associate of Applied Science and Associate of Science in Education – Teaching Paraprofessional To Be Offered by Vincennes University in Vincennes and Jasper, January 27, 2006*
- (2) *New Academic Degree Program Proposal Summary – A.A.S./A.S. in Education – Teaching Paraprofessional, January 27, 2006*



## Abstract

Associate of Applied Science and Associate of Science  
in Education – Teaching Paraprofessional  
To Be Offered by  
Vincennes University in Vincennes and Jasper

January 27, 2006

**Objectives:** To prepare individuals interested in working as paraprofessionals in a public or private school setting to meet the State of Indiana's requirement that paraprofessionals hold at least an Associate degree or pass the Parapro Assessment Test in order to be employed as a Paraprofessional in a public school setting.

**Clientele to be Served:** The majority of students will be those students who are interested in working with children but either are not able or choose not to complete a four-year teaching degree.

**Curriculum:** A total of 63 semester credit hours is required to complete each degree, distributed as follows:

### General Education Requirements

#### **A.A.S.** (10 credit hours)

- \* English Composition (3)
- \* Applied Mathematics I (4)
- \* Speech **or** Interpersonal Communications (3)

#### **A.S.** (9 credit hours)

- \* English Composition I (3)
- \* Intermediate Algebra (or higher Math) (3)
- \* Speech **or** Interpersonal Communications (3)

### Liberal Education Core

#### **A.A.S.** (14 credit hours)

- \* Lifetime Fitness/Wellness (2)
- \* General Psychology (3)
- \* Science Elective – Common Core List (3)
- \* One course from two of the following areas:
  - > Humanities, Math, or Science –
  - > Broad Core List or Social Science Core List (6)

#### **A.S.** (21 credit hours)

- \* Lifetime Fitness/Wellness (2)
- \* General Psychology (3)
- \* English Composition II (3)
- \* Lab Science Elective – Common Core List (4)
- \* Humanities, Science, or Math – Common Core List (6)
- \* Humanities, Science, or Math – Broad Core List (3)

**Major Program Requirements** (A.A.S. – 39 cr. hrs./A.S. – 33 cr. hrs.; the following courses are required for both programs)

- \* Numeracy and Manipulatives (3)
- \* Reading Strategies (3)
- \* Computer Technology for Teachers (3)
- \* Paraprofessionals in the School (3)
- \* Education Psychology (3)
- \* Childhood Health, Safety and Nutrition (3)
- \* Initial Experiences in Education (3)
- \* Introduction to Exceptionalities (3)
- \* Foundations of Education (3)

\* Fundamentals of Assistive Technology (3)

\* Electives (A.A.S. – 9; A.S. – 3)

***Employment Possibilities:*** Graduates will be qualified to gain employment in both public and private school settings to help teachers make classroom instruction more effective, efficient and tailored to the individual needs of students.

## NEW ACADEMIC DEGREE PROGRAM PROPOSAL SUMMARY

January 27, 2006

### I. Prepared by Institution

Institution/Location: Vincennes University to be offered in Vincennes

Program: A.A.S./A.S. in Education – Teaching Paraprofessional

	Year 1 FY2006	Year 2 FY2007	Year 3 FY2008	Year 4 FY2008	Year 5 FY2010
Enrollment Projections (Headcount)					
Full-Time	14	24	25	28	34
Part-Time	0	0	0	0	0
Total	14	24	25	28	34
Enrollment Projections (FTE)					
Full-Time	14	26	26	31	25
Part-Time	0	0	0	0	0
Total	14	26	26	31	25
Degree Completions Projection					
New State Funds Requested (Actual) *	-0-	-0-	-0-	-0-	-0-
New State Funds Requested (Increases) *	-0-	-0-	-0-	-0-	-0-

### II. Prepared by CHE

New State Funds To Be Considered For Recommendation (Actual) *	-0-	-0-	-0-	-0-	-0-
New State Funds To Be Considered For Recommendation (Increases) *	-0-	-0-	-0-	-0-	-0-

CHE Code: 05-26

Campus Code: 1843

County: Knox

Degree Level: 02

CIP Code: Federal – 131501; State – 131501

\* Excludes new state dollars that may be provided through enrollment change funding.

# NEW ACADEMIC DEGREE PROGRAM PROPOSAL SUMMARY

January 27, 2006

## I. Prepared by Institution

Institution/Location: Vincennes University to be offered in Jasper

Program: A.A.S./A.S. in Education – Teaching Paraprofessional

	Year 1 FY2006	Year 2 FY2007	Year 3 FY2008	Year 4 FY2008	Year 5 FY2010
Enrollment Projections (Headcount)					
Full-Time	<u>12</u>	<u>24</u>	<u>28</u>	<u>34</u>	<u>40</u>
Part-Time	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	<u>12</u>	<u>24</u>	<u>28</u>	<u>34</u>	<u>40</u>
Enrollment Projections (FTE)					
Full-Time	<u>12</u>	<u>25</u>	<u>28</u>	<u>34</u>	<u>40</u>
Part-Time	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	<u>12</u>	<u>25</u>	<u>28</u>	<u>34</u>	<u>40</u>
Degree Completions Projection	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
New State Funds Requested (Actual) *	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
New State Funds Requested (Increases) *	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>

## II. Prepared by CHE

New State Funds To Be Considered For Recommendation (Actual) *	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
New State Funds To Be Considered For Recommendation (Increases) *	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>

CHE Code: 05-26

Campus Code: 1843

County: DuBois

Degree Level: 02

CIP Code: Federal – 131501; State – 131501

\* Excludes new state dollars that may be provided through enrollment change funding.

## COMMISSION FOR HIGHER EDUCATION

Friday, February 10, 2006

### DECISION ITEM A-5:

#### Master of Science in Biotechnology To Be Offered by Indiana University Bloomington in Bloomington

#### Staff Recommendation

That the Commission for Higher Education approve the Master of Science in Biotechnology to be offered by Indiana University Bloomington in Bloomington, in accordance with the background discussion in this agenda item and the *Abstract*, January 27, 2006; and

That the Commission recommend no new state funds, in accordance with the supporting document, *New Academic Degree Program Proposal Summary*, January 27, 2006

#### Background

Most of the students who enroll in the proposed Master of Science (M.S.) in Biotechnology are expected to enter directly from completing IU Bloomington's Bachelor of Science (B.S.) in Biotechnology, which the Commission authorized in November 2003. The B.S. is projected to enroll 240 students, when fully implemented.

The M.S. program will be administered through the Department of Biology, and will use two laboratories that were newly renovated and equipped for the baccalaureate Biotechnology program. The master's program will also have access to the resources of the Center for Genomics and Bioinformatics and the Indiana Molecular Biology Institute. Five current Biology Department faculty members will be most closely associated with the implementation of the program, although the Department will also seek to fill three vacancies with new faculty, who could contribute to the program.

Students in the M.S. in Biotechnology will take courses oriented to either a molecular biology or cell biology track. A third track in chemistry will likely be added. Coursework from the School of Law and the Kelley School of Business may also be taken as electives. In addition to drawing from the extensive existing inventory of advanced coursework related to the Biotechnology program, the Department of Biology will also will develop eight new courses in support of the new degree.

## **Supporting Documents**

- (1) *Abstract – Master of Science in Biotechnology To Be Offered by Indiana University Bloomington in Bloomington, January 27, 2006*
- (2) *New Academic Degree Program Proposal Summary – B.S. in Biotechnology, January 27, 2006*

## **Abstract**

Master of Science in Biotechnology  
To Be Offered by  
Indiana University Bloomington in Bloomington

January 27, 2006

**Objectives:** To provide students with advanced training in the underlying scientific principles and hands-on detailed experience with the advanced techniques used in biotechnology.

**Clientele to be Served:** Graduates who have a B.S. in Biotechnology, or equivalent degree, and who are interested in pursuing a career in the field of biotechnology.

**Curriculum:** A total of 30 semester credit hours are required to complete the program, distributed as follows:

Biotechnology and Related Fields (30 credit hours)

- Biotechnology (12)
- Topics in Biotechnology, Research Design, and Ethics (6)
- Internship, Project lab, or Independent Research (6)
- Advanced Biology, Biochemistry and Bioinformatics (6)

**Employment Possibilities:** Graduates will be prepared to (1) obtain employment in biotechnology and related industries, which include the pharmaceutical and agricultural industries; (2) enroll in a Ph.D. graduate program in biotechnology or related fields such as molecular biology.

## NEW ACADEMIC DEGREE PROGRAM PROPOSAL SUMMARY

January 27, 2006

**I. Prepared by Institution**

Institution/Location: Indiana University Bloomington to be offered in Bloomington

Program: M.S. in Biotechnology

	Year 1 FY2006	Year 2 FY2007	Year 3 FY2008	Year 4 FY2009	Year 5 FY2010
Enrollment Projections (Headcount)					
Full-Time	<u>60</u>	<u>60</u>	<u>60</u>	<u>60</u>	<u>60</u>
Part-Time	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	<u>60</u>	<u>60</u>	<u>60</u>	<u>60</u>	<u>60</u>
Enrollment Projections (FTE)					
Full-Time	<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>
Part-Time	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>
Degree Completions Projection	<u>60</u>	<u>60</u>	<u>60</u>	<u>60</u>	<u>60</u>
New State Funds Requested (Actual) *	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
New State Funds Requested (Increases) *	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>

**II. Prepared by CHE**

New State Funds To Be Considered For Recommendation (Actual) *	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
New State Funds To Be Considered For Recommendation (Increases) *	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>

CHE Code: 05-39

Campus Code: 1809

County: Monroe

Degree Level: 4

CIP Code: Federal – 261201; State – 261201

\* Excludes new state dollars that may be provided through enrollment change funding.



## COMMISSION FOR HIGHER EDUCATION

Friday, February 10, 2006

### **DECISION ITEM A-6:**                      **Academic Degree Programs on Which Staff Propose Expedited Action**

#### **Staff Recommendation**

That the Commission for Higher Education approve by consent the following degree program(s), in accordance with the background information provided in this agenda item:

- T.C./A.A.S. in Apprenticeship Technology (Pipefitters) to be offered by Vincennes University in Indianapolis

#### **Background**

At its August 2004 meeting, the Commission for Higher Education adopted a new policy on new academic degree programs on which staff propose expedited action (see Attachment 2). These programs meet the criteria identified in that policy and are hereby presented for action by consent, in accordance with the aforementioned policy and the information presented in the supporting documents.

#### **Supporting Documents**

- (1) *Background Information on Academic Degree Programs on Which Staff Propose Expedited Action*, February 2, 2006
- (2) *Policy for New Academic Degree Programs on Which Staff Propose Expedited Action*, September 2, 2004



## **Background Information on Academic Degree Programs on Which Staff Propose Expedited Action**

February 2, 2006

### **CHE 06-01      T.C./A.A.S. in Apprenticeship Technology (Pipefitters) to be offered by Vincennes University in Indianapolis**

Proposal received on January 12, 2006

Projected Annual Headcount: 26; FTEs: 17; Degrees: 6

New State Funds Requested, Actual:

Year 1: \$ 0

Year 2: \$ 0

Year 3: \$ 0

Year 4: \$ 0

Year 5: \$ 0

At its May 2004 meeting, the Commission for Higher Education authorized Vincennes University, for the first time, to offer a Technical Certificate (T.C.) and Associate of Applied Science (A.A.S.) in Apprenticeship Technology. VU was specifically authorized to offer apprenticeship programs that would be developed through the Associated Builders and Contractors Association (ABC). While these initial authorizations were for five trade areas (carpentry, electrical, HVAC, plumbing, and sheet metal), it was understood that VU would be seeking approval for other trade areas. Consistent with the approach used for authorizing Ivy Tech Apprenticeship Technology programs in the building and industrial trades, the Commission indicated that VU would need to bring new trade areas, such as pipefitters, to the Commission for approval. New sites for Apprenticeship Technology programs in trades that the Commission had already approved, however, could be authorized through routine staff action. The proposed T.C. and A.A.S. in Apprenticeship Technology (Pipefitters) will be offered in the ABC training facility in the Indianapolis area.

## **Policy for New Academic Degree Programs on Which Staff Propose Expedited Action**

September 2, 2004

Pursuant to the Commission's desire to expedite action on new academic degree program requests whenever possible, the staff has identified a set of factors, which though not exhaustive, suggest when a request might be considered for expedited action by consent and when a request would require Commission consideration prior to action. With respect to the latter, the presence of one or more of the following factors might suggest a significant policy issue for which Commission attention is needed before action can be taken:

- Consistency with the mission of the campus or institution
- Transfer of credit
- New program area
- New degree level for a campus
- Accreditation
- Unnecessary duplication of resources
- Significant investment of state resources

In the absence of these factors or an objection from another institution, Commission staff will propose expedited action on new program requests. Examples of situations that pose no policy issues for the Commission include, but are not limited to:

- Adding a second degree designation to an existing program (e.g. A.S. to an A.A.S.)
- Delivering an on-campus program to an off-campus site through faculty available on-site or traveling to the site
- Adding a degree elsewhere in a multi-campus system to a new campus within the system.

All requests to offer new academic degree programs must continue to be accompanied by a full program proposal, unless otherwise specified in the guidelines. It is only after a proposal is received that a determination will be suggested as to how the request might be handled.

## COMMISSION FOR HIGHER EDUCATION

Friday, February 10, 2006

### **DECISION ITEM B:**                      **Construction of Student Housing at Indiana University--Purdue University Fort Wayne Phase II**

**Staff Recommendation**                      That the Commission for Higher Education recommend approval to the State Budget Agency and the State Budget Committee of the project *Construction of Student Housing at Indiana University—Purdue University Fort Wayne Phase II*, as described in the project description and staff analysis dated January 31, 2006.

**Background**                                      By statute, the Commission for Higher Education must review all projects to construct buildings or facilities of a cost greater than \$500,000 regardless of the source of funds.

Purdue University requests authorization to proceed with the construction of two new student housing buildings containing a total of 208 beds in a mix of one-bedroom, two-bedroom and four-bedroom apartments. The buildings will be adjacent to and designed to match the existing student housing units on the IPFW campus, but will be four story units instead of the existing three story units to achieve greater density. Total estimated cost of the project is \$10,500,000 million to be funded through Acts of 1927 bonding authority (IC 20-12-8). The project will not be eligible for fee replacement or plant expansion appropriations.

**Supporting Document**                      *Construction of Student Housing at Indiana University – Purdue University Fort Wayne Phase II*, January 31, 2006.



## CONSTRUCTION OF STUDENT HOUSING AT INDIANA UNIVERSITY – PURDUE UNIVERSITY FORT WAYNE PHASE II

### Project Description and Staff Analysis

January 31, 2006

#### SUMMARY

This project consists of the construction of two new student housing buildings with 208 beds in a mix of one-bedroom, two-bedroom and four-bedroom apartments. Purdue previously constructed a 568-bed, 220-apartment complex in seven buildings with a freestanding commons building on the IPFW campus which opened in the fall of 2004. The new student housing buildings will be adjacent to the existing student housing buildings on the east side of campus and will be connected to the main campus via a pedestrian bridge. The existing student housing on campus currently is at 100% capacity with a 160 person waiting list.

#### DESCRIPTION OF THE PROJECT:

The project will consist of 208 beds in a mix of one-bedroom, two-bedroom and four-bedroom apartment units in two buildings. The buildings will be frame construction with siding and brick exterior and shingle roofs and will match the existing buildings, except the new buildings will be four stories in height, rather than the existing three story buildings. All drives, walks, and parking spaces will be a part of this project. The complex is linked to campus by a pedestrian bridge over Crescent Avenue.

#### **Project Summary:**

Space in Project (approximate):

New Construction	86,176 GSF	67,776 ASF
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Project Cost:

New Construction	\$10,500,000	\$122 GSF
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Sources of Funds:

Acts of 1927 Bonding Authority		\$10,500,000
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Assuming all approvals granted on time, construction is scheduled to begin in June 2006 with occupancy in August 2007.

### NEED AND EXPECTED CONTRIBUTION TO EDUCATIONAL SERVICES:

Over the years IPFW has seen a tremendous increase in demand for student housing from both students and parents. Three different needs assessments have consistently demonstrated the need for on-campus housing. Prior surveys have indicated a total demand ranging from 1,800 to 2,300 beds. The need for additional housing is demonstrated by the full occupancy of the existing housing units and a growing waiting list, now at 160.

### RELATIONSHIP TO MISSION AND LONG-RANGE PLANNING:

A major component of IPFW's strategic plan is to improve student life and campus culture. The addition of student housing will help accomplish both of these goals. A major component of the housing management plan is a significant resident life program that will be coordinated with the existing on-campus student life programming. The activities and events created from this programming will benefit commuting as well as residential students.

### STAFF ANALYSIS:

*The Agreement for the Continued Development of the Regional Campuses of Indiana University and Purdue University* includes a collection of policies regarding housing at regional campuses and IUPUI that apply to this request. The relevant section of the agreement forms the basis for the staff analysis of this project.

## **HOUSING**

As the regional campuses and IUPUI further develop their baccalaureate and graduate programs as well as their programmatic focus, there may be a need to develop affordable student housing to strengthen and support campus growth. The development of housing on regional campuses and IUPUI will be guided by the following policies:

1. The essential character of a regional campus/IUPUI must remain that of a commuting campus.
2. The University must demonstrate the fiscal soundness of the residence project.
3. The financing of the residences must be structured to be self-supporting and to create no contractual liability to the State of Indiana.
4. The University must show significant student demand for the number of beds for a project.
5. The University must indicate the extent to which student and academic services will be supplied to the residences.
6. The University must indicate the extent to which University policies will apply to residents occupying the units.
7. The number of students housed must constitute a proportion of the student body that is less than 10% of the regional campus/IUPUI student body. Each respective regional campus/IUPUI and the Commission for Higher Education will agree to the number of students to be housed, and the Commission will monitor the number of students housed on regional campuses and IUPUI on a regular basis.



## The IPFW Plan's Conformance to the Regional Campus Agreement

1. *The essential character of a regional campus/IUPUI must remain that of a commuting campus.*

For the 2004-05 academic year, IPFW enrolled 15,031 students (headcount), including 5,513 full-time and 9,518 part-time students. The 2004-05 full-time equivalent (FTE) enrollment was 8,397. With construction of 208 new beds, added to the existing 568 beds, the total of students housed could be 776 students. The percentage of IPFW students housed in student housing will remain small with the vast majority of students (94.8 percent of headcount and 90.8 percent of FTE enrollment) continuing to commute.

2. *The University must demonstrate the fiscal soundness of the residence project.*

The project will be financed with up to \$10.5 million in Purdue University tax-exempt bonds. The bonds will be issued under the same indenture as bonds issued to fund residence hall projects on the West Lafayette campus and will be secured in the same manner. As the bonds will be part of the larger Purdue University housing system, debt service reserves and bond insurance will not be required.

3. *The financing of the residences must be structured to be self-supporting and to create no contractual liability to the State of Indiana.*

As noted above, the bonds will be issued under the same authority and indenture as residence hall system bonds on the West Lafayette campus. The bonds will be issued under the authority of the Acts of 1927 (IC 20-12-8), which specifically preclude bonds issued under their authority from becoming a lien, charge, or liability of the State (IC 20-12-8-3). Student fees will pay the debt service on the bonds. This project will not receive state funding for fee replacement, plant expansion or R&R.

4. *The University must show significant student demand for the number of beds for a project.*

IPFW has contracted with experienced consultants for several studies of student demand for and the fiscal soundness of student housing at IPFW over the past several years. While studies have shown demand for around 2,000 beds, the university has opted for a much smaller project to insure financial viability. The total number of available beds with the new addition will be 776. The need for additional housing is demonstrated by the full occupancy of the existing housing units and a growing waiting list, now at 160.

5. *The University must indicate the extent to which student and academic services will be supplied to the residences.*

Although American Campus Communities has been chosen by IPFW to manage the housing complex, ultimate responsibility for management and operations will be vested in a management committee composed of four university representatives and three American Campus Communities representatives. The management committee will approve all budgets and rental rates, marketing plans, and policies that govern residents.

The on-site management structure includes a complex director, two senior resident assistants, and 12 resident assistants. The ratio of one resident assistant to every 40 residents is similar to the ratio on the West Lafayette campus and the ratio planned for IUPUI. Staff members will be employees of American Campus Communities rather than IPFW; nevertheless, they will provide activity programming and

resident support in the same manner as staff in traditional residence hall arrangements at residential colleges and universities.

6. *The University must indicate the extent to which University policies will apply to residents occupying the units.*

The university has an extensive administrative system designed to respond to student, faculty, staff, and guest behaviors. All existing institutional rules, processes, and procedures will apply to the residents. In addition, the management committee will adopt a housing code of conduct that will include housing sanctions and university sanctions.

7. *The number of students housed must constitute a proportion of the student body that is less than 10% of the regional campus/IUPUI student body. Each respective regional campus/IUPUI and the Commission for Higher Education will agree to the number of students to be housed, and the Commission will monitor the number of students housed on regional campuses and IUPUI on a regular basis.*

Even with full occupancy, the number of students to be housed at IPFW after the completion of this project will be below the ten percent limit. Nevertheless, the university and the CHE will monitor the number of students housed on campus, particularly if the project is very successful and additional housing facilities are planned. Purdue represents that no additional housing is planned at this time.

## COMMISSION FOR HIGHER EDUCATION

Friday, February 10, 2006

### **DISCUSSION ITEM A:                    Critical Postsecondary Education Issues in Indiana**

**Staff Recommendation**                    For discussion only.

**Background**                                    The Commission's *Framework for Policy and Planning Development in Higher Education* provides a broad, guiding overview of Indiana's postsecondary educational system and includes a number of indicators of institutional and state progress across key areas. The purpose of this discussion item is to review some of the key critical issues for postsecondary education in Indiana that will guide the Commission staff work plan in the upcoming year.

**Supporting Documents**                    *Critical Postsecondary Education Issues in Indiana*, December 9, 2005.





# Critical Postsecondary Education Issues in Indiana

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**December 9, 2005**

Prepared by the Indiana Commission for Higher Education

1



## Education Focal Points for Indiana

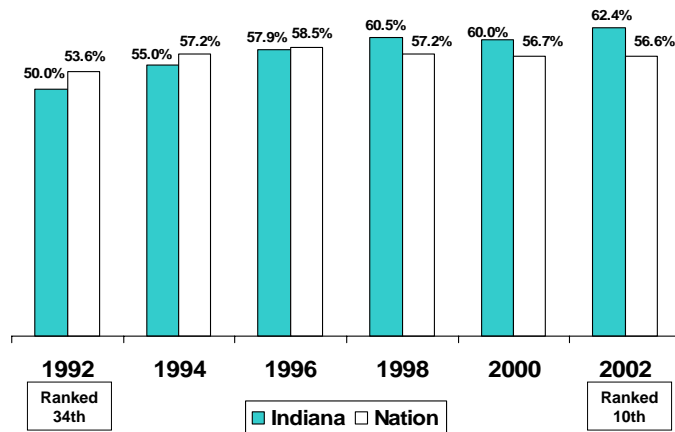
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- College-going Rate
- High School Dropouts
- High School Preparation
- Best & Brightest Students
- Adults/College
- Transfer of Credit
- Affordability
- Research Funding
- College Completion
- Brain Drain

2

## College-going Rate

Percent of high school graduates enrolled the next fall in postsecondary education



Source: Postsecondary Education Opportunity, Oskaloosa, Iowa.

3

## Indiana's College-going Rate

Percent of high school graduates enrolled the next fall in postsecondary education

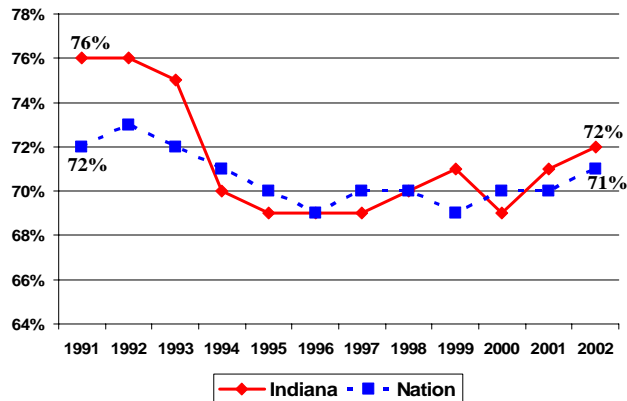
Year	High School Graduates	College Freshmen	College-going Rate
2002	60,943	38,023	62%
2000	61,620	36,990	60%
1998	63,200	38,266	61%
1996	60,540	35,079	58%
1994	58,711	32,316	55%
1992	61,342	30,980	51%

Source: Postsecondary Education Opportunity, Oskaloosa, Iowa.

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## High School Dropouts

### High school graduation rates

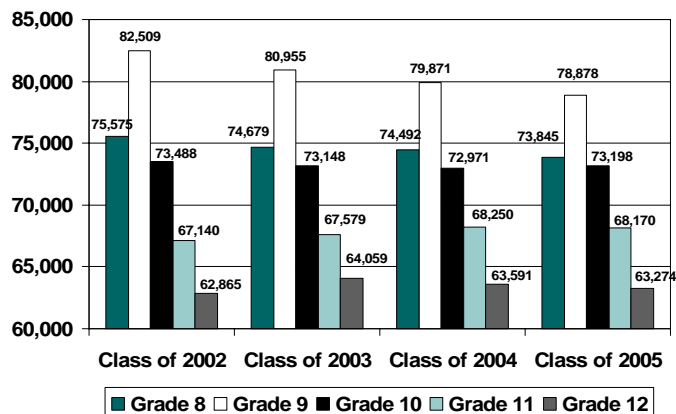


Source: Greene, J.P. & Winters, M.A. Public High School Graduation and College-Readiness Rates: 1991-2002. Education Working Paper, (8), February 2005, Manhattan Institute.

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## High School Dropouts

### Indiana public high school enrollment

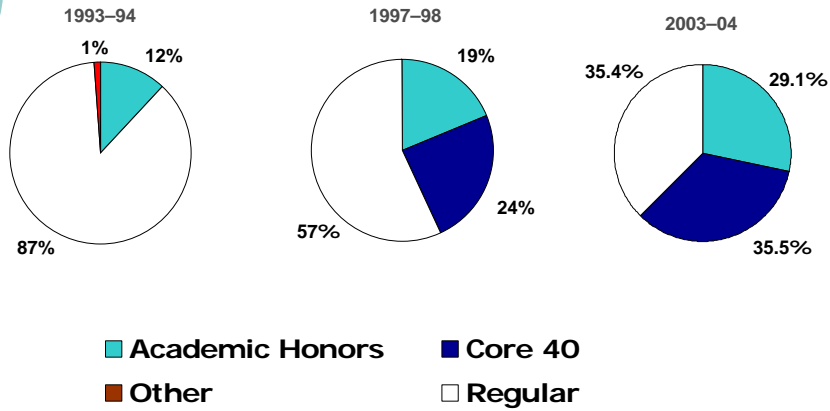


Source: Indiana Department of Education.

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## High School Preparation

Percent of Indiana high school graduates by diploma type

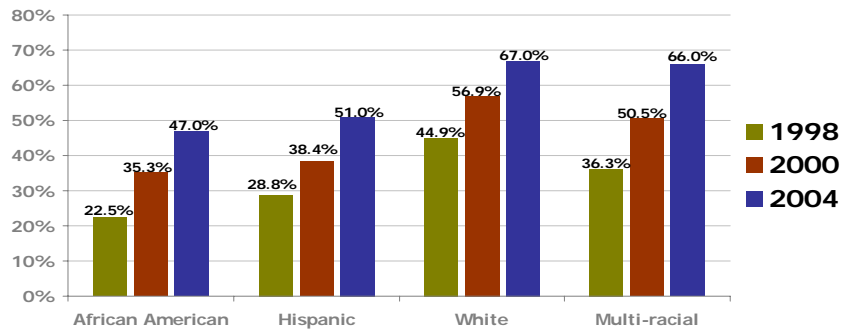


Source: Indiana Department of Education.

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## High School Preparation

Percent of Indiana Core 40 diplomas by race



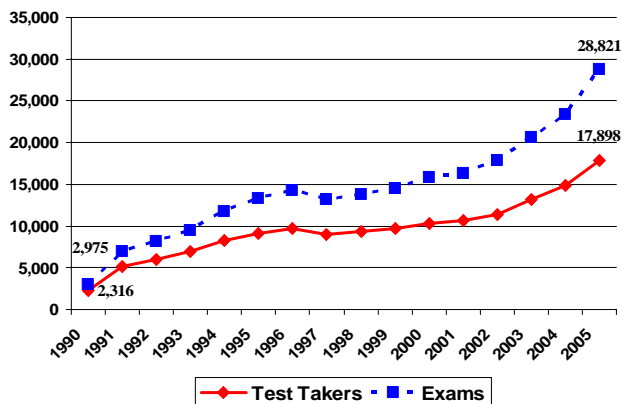
Source: Indiana Department of Education.

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## Best & Brightest Students

### Indiana student participation in Advanced Placement

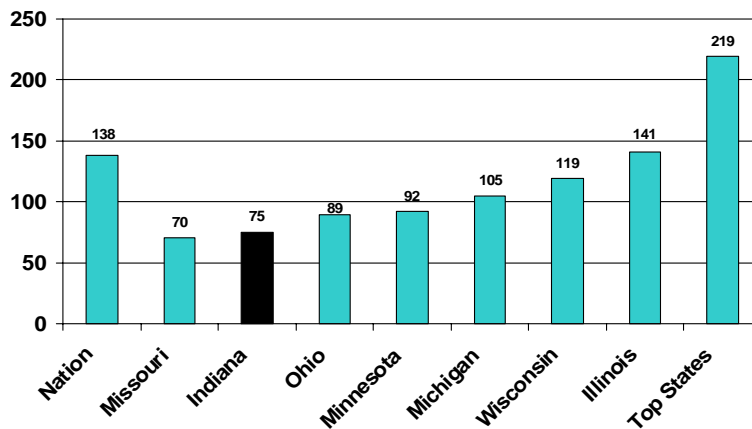


Source: The College Board.

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## Best & Brightest Students

### Number of 3-5 Scores on Advanced Placement exams per 1,000 high school juniors and seniors, 2003



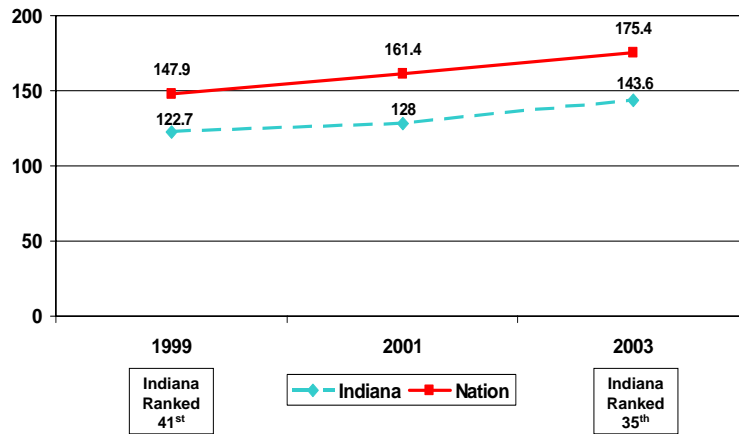
Top States: Maryland, New York, Virginia.

Source: Measuring Up 2004: The State-by-State Report Card for Higher Education, National Center for Public Policy and Higher Education.

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## Best & Brightest Students

Number of ACT scores 26+ and SAT scores 1200+ per 1,000 high school graduates

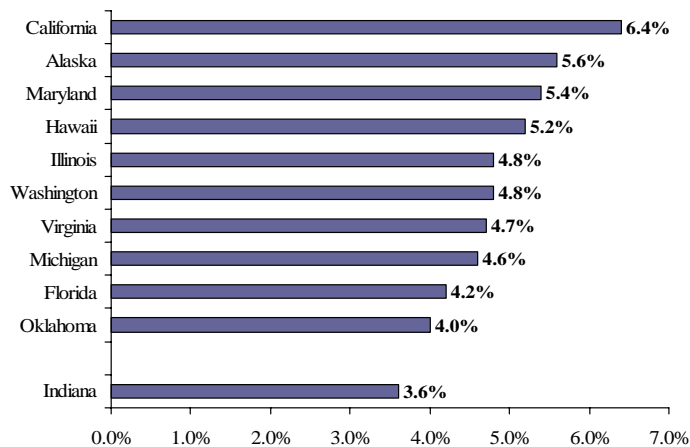


Source: Measuring Up 2004: The State-by-State Report Card for Higher Education, National Center for Public Policy and Higher Education.

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## Adults/College

Adult participation in postsecondary education for Indiana and selected states

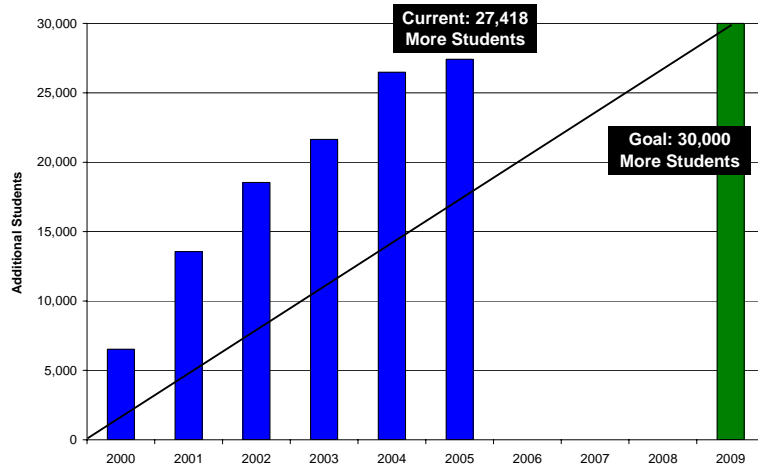


Source: U.S. Census Bureau, Decennial Census, 2000.

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## Adults/College

Progress toward 10-year community college enrollment goal



Source: Indiana Commission for Higher Education, Student Information System.

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## Affordability

Ten year history of tuition and fees (weighted averages for publics and median for independents) for first-time entry students at Indiana public and independent colleges

	<u>1995-96</u>		<u>2005-06</u>		<u>Avg. Ann. Increase</u>
	<u>Rate</u>	<u>Increase</u>	<u>Rate</u>		
<b>Four-Year Public Institutions Only</b>	\$2,841	113.1%	\$6,056		7.9%
<b>Two-Year Public Institutions Only</b>	\$1,842	53.2%	\$2,822		4.4%
<b>Independent Institutions Only*</b>	\$10,940	77.1%	\$19,369		5.9%
<b>CPI</b>	154.5	25.6%	194.0		2.3%
<b>HEPI</b>	173.0	43.5%	248.2		3.7%

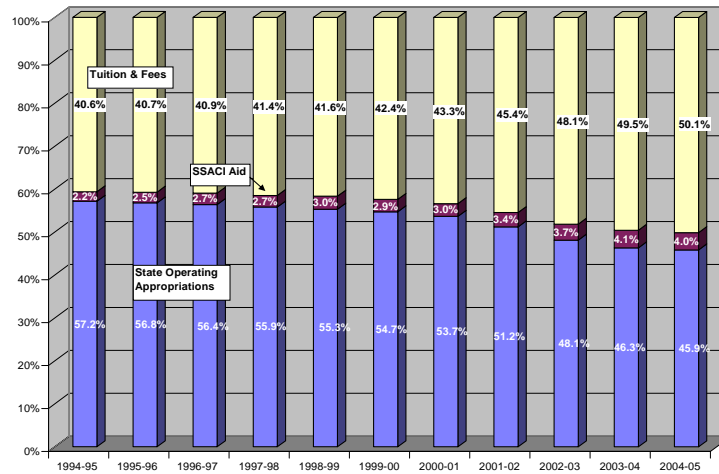
\*Median tuition and mandatory fee rate used for Indiana Independent Institutions.

Source: Indiana Commission for Higher Education, Postsecondary Education Tuition and Required Fees in Indiana: 2005-06, August 4, 2005.

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## Affordability

Change in State and family share of education expenditures, FY1995 to FY2005

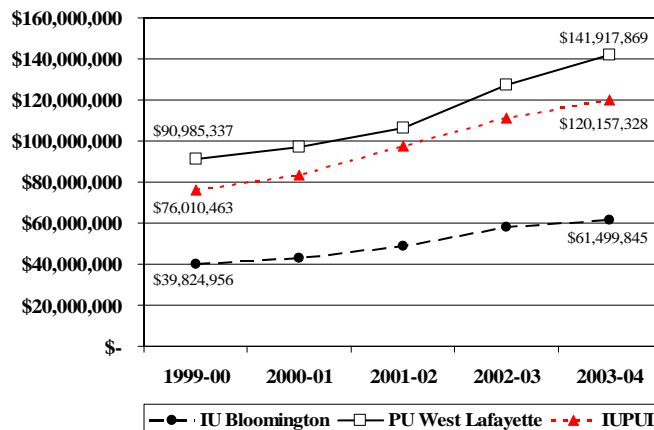


Source: Indiana Commission for Higher Education. Shares of total E&G expenditures reported in biennial budget request submissions.

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## Research Funding

Total federal science and engineering research and development expenditures

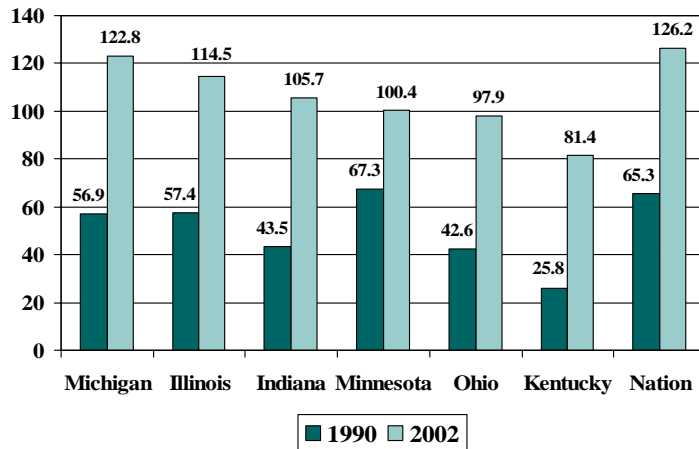


Source: Indiana's public postsecondary institutions.

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## Research Funding

Total institutional research & development expenditures per capita

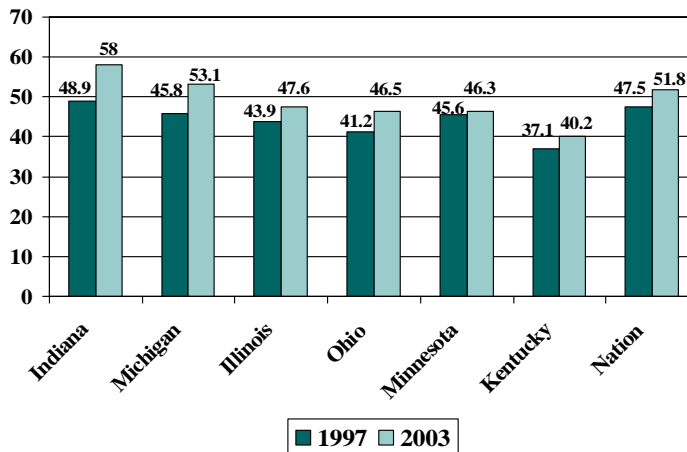


Source: National Center for Higher Education Management Systems (using National Science Foundation; U.S. Census Bureau).

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## College Completion

Baccalaureate degrees produced by state colleges and universities per 100 high school graduates six years earlier



Source: National Center for Higher Education Management Systems (using NCES - IPEDS Completions Survey, WICHE).

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## College Completion

Percent of first-time full-time degree-seeking students earning a degree for Indiana's public postsecondary institutions

Graduation Rates (Students Seeking Baccalaureate Degrees) for Indiana Public Postsecondary Institutions							
	6-Year Rate 1997 (1991 Cohort)	6-Year Rate 1998 (1992 Cohort)	6-Year Rate 1999 (1993 Cohort)	6-Year Rate 2000 (1994 Cohort)	6-Year Rate 2001 (1995 Cohort)	6-Year Rate 2002 (1996 Cohort)	6-Year Rate 2003 (1997 Cohort)
Ball State University	54.4%	52.5%	47.2%	48.5%	47.6%	46.7%	48.7%
Indiana State University	37.6%	37.7%	38.4%	36.8%	39.5%	37.3%	38.8%
IU-Bloomington	67.1%	66.7%	68.7%	65.4%	68.3%	69.1%	71.8%
IU-East	17.6%	17.9%	15.2%	15.1%	19.0%	23.9%	25.6%
IU-Kokomo	20.3%	19.1%	19.4%	16.8%	22.4%	18.1%	24.0%
IU-Northwest	26.5%	21.1%	22.4%	23.0%	22.5%	25.9%	18.6%
IU-South Bend	29.4%	26.6%	29.2%	26.3%	21.9%	24.2%	27.2%
IU-Southeast	22.8%	21.9%	25.0%	27.2%	28.2%	30.6%	28.4%
IUPUI	23.5%	18.5%	21.5%	20.8%	22.1%	21.0%	22.8%
PU-West Lafayette	64.6%	65.3%	65.0%	65.4%	64.2%	63.6%	65.7%
PU-Calumet	18.0%	17.2%	17.0%	18.9%	15.5%	18.6%	20.3%
IPFW	19.3%	18.7%	18.7%	20.5%	21.5%	18.5%	21.2%
Univ. of Southern Indiana	28.3%	27.4%	26.9%	30.7%	32.0%	29.2%	31.3%

Source: The Education Trust, College Results Online, Databank/Reporting Tool using data collected by the U.S. Department of Education's National Center for Education Statistics through the IPED Graduation Rate Survey.

Graduation Rates (Students Seeking Associate Degrees) for Indiana Public Two-Year Postsecondary Institutions					
	3-Year Rate (1995 Cohort)	3-Year Rate (1996 Cohort)	3-Year Rate (1997 Cohort)	3-Year Rate (1998 Cohort)	3-Year Rate (1999 Cohort)
Ivy Tech Community College of Indiana	20.0%	20.0%	18.0%	18.0%	18.0%
Vincennes University	38.0%	37.0%	35.0%	25.0%	19.0%

\*Cohort unavailable for ITCC Region 14. Prior to 2001-02, ITCC Region 14 was part of ITCC Region 10.

Source: For Ivy Tech, data gathered from reports on the IPEDS Graduation Rate Survey published by the Office of Institutional Research at ITCC. For Vincennes, data pulled from the National Center for Education Statistics IPEDS Graduation Rate Surveys Peer Analysis System (except for 1997 cohort in which the source was the Cohort Extractions database using the ICHE SIS data submissions).

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## College Completion

Percent of first-time full-time bachelor's degree-seeking students earning a bachelor's degree within six years for Indiana's independent four-year institutions

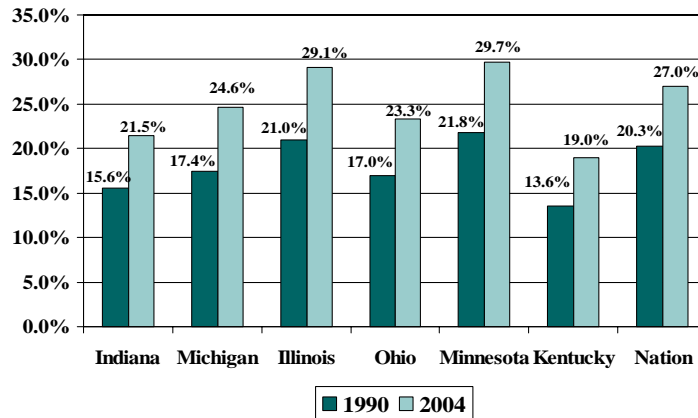
	6-Year Rate 1997 (1991 Cohort)	6-Year Rate 1998 (1992 Cohort)	6-Year Rate 1999 (1993 Cohort)	6-Year Rate 2000 (1994 Cohort)	6-Year Rate 2001 (1995 Cohort)	6-Year Rate 2002 (1996 Cohort)	6-Year Rate 2003 (1997 Cohort)
Anderson University	44.3%	46.5%	49.9%	49.6%	52.6%	55.7%	57.0%
Bethel College - Indiana	41.4%	46.7%	48.8%	51.9%	54.3%	52.6%	60.4%
Butler University	60.5%	60.4%	65.4%	68.6%	68.8%	66.2%	68.8%
Calumet College Of Saint Joseph	30.6%	N/A	29.3%	47.8%	12.8%	9.3%	21.7%
DePauw University	80.6%	77.7%	79.2%	79.4%	79.7%	76.7%	75.0%
Earlham College	60.4%	65.2%	70.1%	68.8%	68.6%	72.2%	70.7%
Franklin College	52.6%	60.1%	50.6%	52.3%	56.1%	60.1%	60.1%
Goshen College	64.4%	61.7%	58.7%	63.0%	66.2%	N/A	66.0%
Grace College And Theological Seminary	56.7%	25.9%	52.7%	100.0%	95.7%	50.7%	60.8%
Hanover College	N/A	62.4%	62.6%	68.9%	67.5%	70.8%	67.2%
Huntington College - Indiana	51.9%	58.0%	60.5%	58.0%	58.1%	64.9%	58.9%
Indiana Institute Of Technology	N/A	N/A	N/A	N/A	N/A	N/A	26.3%
Indiana Wesleyan University	N/A	N/A	N/A	N/A	N/A	55.7%	57.2%
Manchester College	52.7%	51.6%	50.4%	51.3%	49.2%	43.2%	56.3%
Marian College	38.2%	43.4%	48.3%	44.8%	53.3%	43.9%	40.2%
Rose-Hulman Institute Of Technology	73.6%	71.3%	71.2%	71.3%	76.5%	77.9%	79.7%
Saint Joseph's College - Indiana	44.8%	40.3%	44.2%	55.0%	48.9%	56.9%	54.0%
Saint Mary-Of-The-Woods College	51.5%	N/A	38.7%	54.3%	58.4%	49.4%	60.5%
Saint Mary's College	75.2%	76.1%	74.3%	68.8%	74.9%	74.5%	78.5%
Taylor University-Ft Wayne	N/A	49.5%	24.5%	33.0%	29.7%	34.3%	45.6%
Taylor University-Upland	68.7%	74.3%	74.9%	79.3%	78.5%	79.7%	76.7%
Tri-State University	N/A	N/A	N/A	N/A	N/A	51.4%	52.7%
University Of Evansville	59.7%	61.7%	59.4%	61.1%	60.8%	60.5%	60.8%
University Of Indianapolis	43.2%	51.7%	46.8%	50.0%	50.8%	51.1%	53.7%
University Of Notre Dame	93.5%	93.9%	94.5%	93.7%	94.3%	94.9%	94.6%
University Of Saint Francis-Ft Wayne	N/A	N/A	N/A	44.2%	60.7%	40.5%	51.3%
Valparaiso University	68.5%	66.8%	73.1%	73.1%	73.3%	73.0%	72.5%
Wabash College	65.6%	68.5%	65.1%	69.3%	66.8%	67.6%	74.2%

Source: The Education Trust, College Results Online, Databank/Reporting Tool using data collected by the U.S. Department of Education's National Center for Education Statistics through the IPED Graduation Rate Survey.

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## Brain Drain

Population aged 25 and over with a bachelor's degree or higher for Indiana and peer states

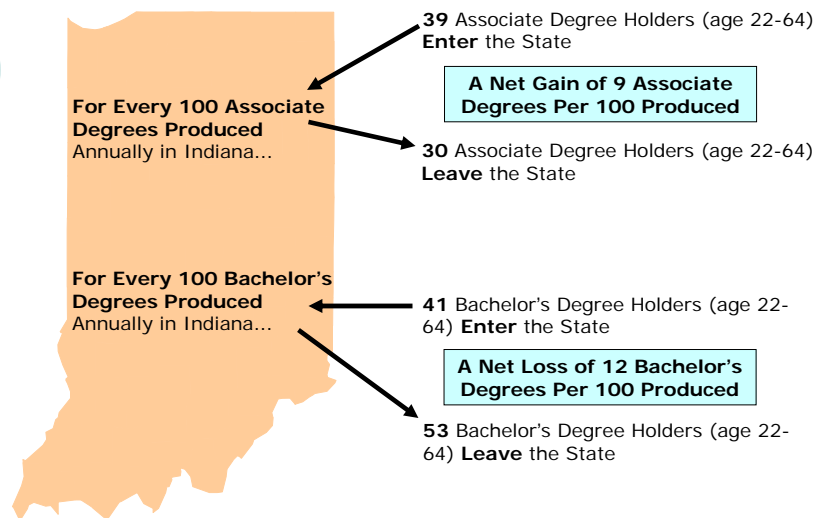


Source: For 1990 data, - U.S. Census Bureau, Decennial Census. For 2004 data - U.S. Census Bureau, American Community Survey.

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## Brain Drain

Recent annual degree-production and migration patterns

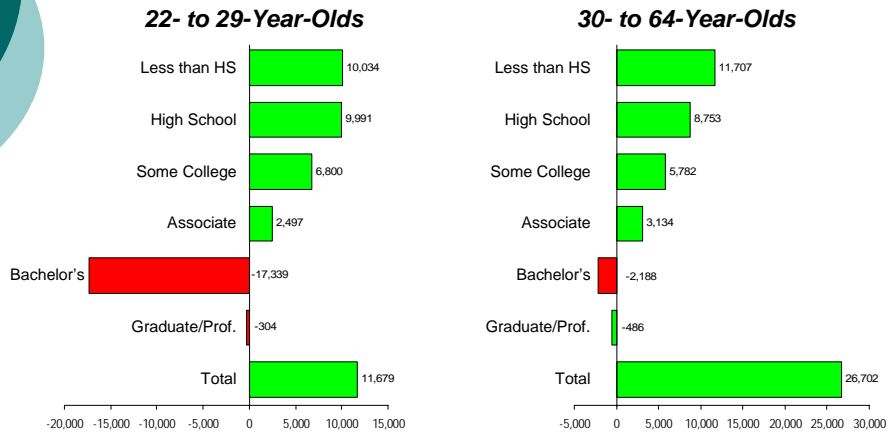


Source: National Center for Higher Education Management Systems, using NCES IPEDS Completions Survey (3-year average degree production from 2001 to 2003), U.S. Census Bureau (2000 5% Public Use Microdata Samples).

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## Brain Drain

### Indiana Net In-Migration by Degree Level and Age Group, 1995-2000



Source: U.S. Census, Public Use Microdata Samples, 2000

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## Recap of Focal Points

- College-going Rate
- High School Dropouts
- High School Preparation
- Best & Brightest Students
- Adults/College
- Transfer of Credit
- Affordability
- Research Funding
- College Completion
- Brain Drain

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## COMMISSION FOR HIGHER EDUCATION

Friday, February 10, 2006

### **DISCUSSION ITEM B:**                      **Construction of Student Recreation Center at Indiana State University**

**Staff Recommendation**                      For discussion only.

**Background**                                      Indiana State University is seeking legislative authorization to construct a Student Recreation Center on the Terre Haute campus. As the ISU request occurs outside of the usual biennial budget process for the traditional capital projects request and recommendation process, CHE staff has asked ISU to come and present this capital project request as a discussion item to commission members. No action is necessary by the Commission at this time. If the project does gain legislative approval, then the project will come back before the Commission for review.

**Supporting Document**                      *Construction of Student Recreation Center at Indiana State University, January 31, 2006.*



## **CONSTRUCTION OF STUDENT RECREATION CENTER AT INDIANA STATE UNIVERSITY**

### **Project Description and Staff Analysis**

January 31, 2006

#### **SUMMARY**

Indiana State University proposes to construct a Student Recreation Center on the Terre Haute campus. The new facility would be 106,856 GSF and 71,339 ASF. The two-story building would be constructed of brick and limestone exterior to match the existing campus architectural style. The project is designed to expand programming for student recreational and fitness activities. The facility would cost \$24,000,000, with \$5,500,000 coming from gift funds. The remaining \$18,500,000 will be paid through student fees. ISU has instituted a student fee dedicated to the proposed recreation center beginning with the fall 2006 semester. The fee will initially be a differential fee and adjusted in later years. Fees would be assessed students enrolled in 6 or more credit hours. Students enrolled in less than 6 credit hours could purchase a membership that would allow them to use the facility.

	<u>Fall 2006</u>	<u>Spring 2007</u>
freshmen	\$100	\$120
sophomores	\$90	\$100
juniors	\$70	\$90
seniors	\$50	\$70
grad students	\$0	\$50

#### **DESCRIPTION OF THE PROJECT:**

Indiana State University proposes the construction of a 71,339 assignable square foot (ASF) Student Recreation Center. This request is requested because ISU recognizes a growth in demand for recreational and fitness facilities and student dissatisfaction with the quality and availability of such facilities on the campus of Indiana State University. The proposed Student Recreation Center will include:

- three-court gymnasium
- recreational aquatics facility and “wet” classroom
- multi-activity court suitable to indoor soccer, roller hockey, etc.
- climbing wall
- outdoor recreation program support and storage
- fitness center with machines and free weights
- elevated running/jogging track
- stationary cycling
- multi-purpose activity rooms
- staff offices and meeting room
- locker rooms, restrooms, laundry facilities, general storage

The facility will be constructed of brick and limestone to match the existing campus architectural style. The project is designed to take advantage of natural light and energy conservation by using Leadership in Energy and Environment Design (LEED) national guidelines for environmental architecture and engineering.

Recreational facilities currently available to students are also used by the College of Health and Human Performance for credit instruction and as practice and competition activities of several intercollegiate sports. ISU argues this arrangement limits the hours the facilities are available to students for free play and intramural events. The proposed Student Recreation Center is not intended to be utilized for credit instruction or intercollegiate athletics.

The construction of a Student Recreation Center is expected to enhance needed wellness, recreational, and physical fitness facilities for the general student population. The proposed \$24,000,000 project will be financed with a mandatory student fee assessed to students enrolled in six or more credit hours and a commitment on behalf of the University to raise \$5,500,000 in gift income from external donors. The mandatory student fee was supported by a student referendum and approved by the Board of Trustees as a part of the fee structure effective for the 2006-07 year.

<b>Project Summary:</b>		
Space in Project (approximate):		
New Construction	106,856 GSF	71,339 ASF
Project Cost:		
New Construction	\$24,000,000	\$225 GSF
Sources of Funds:		
General Assembly Bonding Authority (requested)	\$18,500,000	
External Fundraising	\$5,500,000	

## PLANNING CHANGES

The schematic design phase of the project has been completed and approved by the Indiana State University Board of Trustees. No major programming or design changes are anticipated.

## RELATIONSHIP TO MISSION AND LONG-RANGE PLANNING

The University supports a variety of student activities including opportunities for student participation in intramural sports, fitness and exercise training, wellness programs, and outdoor recreation. The proposed Student Recreation Center is designed to enhance student interaction and provide increased opportunities for student participation in recreational and fitness activities.

Student interest in recreational/fitness facilities and programs at Indiana State University reflect trends across the country. In addition to promoting healthy lifestyles, recreation centers at most universities have become “student activity hubs” contributing substantially to students’ opportunities for social interaction. The need for a dedicated Student Recreation Center is directly related to the increased student demand for this type of facility.

With the construction of the Student Recreation Center, programming would be expanded to include more intramural sports opportunities for students, space for free play, aquatic activities, outdoor recreation, and social space. ISU believes the additional programming is consistent with the University's desire to provide appropriate facilities to promote healthy collegiate lifestyles and encourage a life-long commitment to fitness among our students.

#### NEED AND EXPECTED CONTRIBUTION TO EDUCATIONAL SERVICES

Three primary indoor venues are currently available for student recreational use on a limited basis; a multi-court gymnasium located in the College of Health and Human Performance, constructed in 1987; a pool located in the Arena building, constructed in 1961, that is available limited hours for recreational swimming after instructional use has been concluded; and a confined dimly lit basement room in the Arena building used for cardio and strength training. ISU believes these existing indoor venues are outdated and are a part of older facilities that can no longer adequately serve the recreation and fitness demands of students in today's environment.

The programmatic functions of the project are intended to address the following primary goals:

1. Provide expanded programming for intramural sports, space for free play, fitness and exercise training, lifestyle/wellness education, aquatic activities, outdoor recreation, and social space.
2. Promote healthy collegiate lifestyles.
3. Encourage life-long commitment to general fitness.
4. Enhance sense of community on the campus.

#### ALTERNATIVES CONSIDERED

ISU believes that the recreational facilities currently available to students cannot accommodate the increased demand for free play, lifestyle and fitness programs, and intramural sports. The most feasible alternative is to construct a facility dedicated strictly to student recreational use.

#### RELATIONSHIP TO LONG-RANGE FACILITY PLANS

The Student Recreation Center project is a part of the updated long-term Facility Master Plan of the University and was included in the Ten-Year Capital Plan submitted for the 2005-07 biennia. However, this project has substantially increased in size and scope since the 2005-07 Ten-Year Capital plan was submitted by ISU. The ISU Ten-Year Capital included a Student Recreation Center at a cost of \$12,000,000.

**INDIANA STATE UNIVERSITY  
PROJECT SUMMARY  
NEW CONSTRUCTION**

**INSTITUTION:** Indiana State University      **CAMPUS:** Terre Haute  
**PROJECT TITLE:** Student Recreation Center      **BUDGET AGENCY NO.:** C-1-06-1-03

**INSTITUTION'S PRIORITY:** \_\_\_\_\_

**PROJECT SUMMARY DESCRIPTION (ATTACHMENT A)**

Indiana State University proposes the construction of a 71,339 assignable square foot (ASF) Student Recreation Center. This request is directly related to the growth in demand for recreational and fitness facilities and student dissatisfaction with the quality and availability of existing facilities.

**SUMMARY OF NEED AND NET CHANGE IN CONTRIBUTION TO EDUCATIONAL SERVICES PROVIDED BY INSTITUTION (ATTACHMENT B)**

The project will provide expanded programming for student recreational and fitness activities, promote healthy collegiate lifestyles, encourage life-long commitment to general fitness, and enhance a sense of community on campus.

**SPACE DATA (ATTACHMENT C)**

PROJECT SIZE: 106,856 GSF      71,339 ASF      68 % ASF/GSF

NET CHANGE IN CAMPUS ACADEMIC/ADMINISTRATIVE SPACE: 71,339 ASF

**TOTAL PROJECT BUDGET (ATTACHMENT D)**

TOTAL ESTIMATED COST: \$24,000,000      \$/GSF \$ 224.60

ANTICIPATED DATE OF PROJECT COMPLETION: January, 2008

**ANTICIPATED SOURCES OF FUNDING (ATTACHMENT E)**

Student Fees      \$18,500,000

External Donor Fundraising      \$ 5,500,000

TOTAL BUDGET      \$24,000,000

**ESTIMATED CHANGE IN ANNUAL OPERATING BUDGET AS A RESULT OF THIS PROJECT (ATTACHMENT F)**

\$ 316,721      ( x ) INCREASE      ( ) DECREASE

**NO PLANT EXPANSION FUNDS WILL BE REQUESTED**

NOTE: SEE ATTACHMENTS FOR SUPPORTING INFORMATION REQUEST TO BE SUBMITTED WITH PROJECT SUMMARY FORM.

**INDIANA STATE UNIVERSITY  
ATTACHMENT D  
Project Cost  
NEW CONSTRUCTION**

**BUDGET AGENCY NUMBER: C-1-06-1-03**

**PAGE 1 OF 1**

**ANTICIPATED CONSTRUCTION SCHEDULE**

	<u>MONTH</u>	<u>YEAR</u>
Bid Date	<u>August</u>	<u>2006</u>
Start Construction	<u>Sept.</u>	<u>2006</u>
Occupancy (Final Completion)	<u>January</u>	<u>2008</u>

**ESTIMATED CONSTRUCTION COST:**

	<u>PROJECT COST<sup>(a)</sup> BASIS</u>	<u>ESTIMATED ESCALATION<sup>(b)</sup> FACTORS</u>	<u>ESTIMATED PROJECT<sup>(c)</sup> COST</u>
Planning Costs			
Permitting, Testing, Surveys, etc.	\$ _____	\$ _____	\$ <u>10,000</u>
Other Architectural Fees	_____	_____	<u>1,811,896</u>
Construction			
Structure	_____	_____	<u>12,416,743</u>
Mechanical (Plumbing, HVAC, Elevators)	_____	_____	<u>3,096,000</u>
Electrical	_____	_____	<u>2,053,543</u>
Movable Equipment	_____	_____	<u>825,000</u>
Technology Infrastructure	_____	_____	<u>75,000</u>
Site Development	_____	_____	<u>756,864</u>
Other (Explain) Contingency	_____	_____	<u>2,954,954</u>
Total Estimated Project Cost	\$ <u>_____</u>	\$ <u>_____</u>	\$ <u>24,000,000</u>

(a) Based on current costs prevailing as of (month, year) January, 2006

(b) Explain the basis for arriving at this estimate.

Estimate prepared by Hastings+Chivetta Architects, Inc. of St. Louis, MO

(c) Description of unique building characteristics, design features, construction materials, site development factors or other considerations affecting cost estimates appears on a separate page immediately following.

**INDIANA STATE UNIVERSITY  
ATTACHMENT E  
Source(s) of Funding  
NEW CONSTRUCTION**

**BUDGET AGENCY NUMBER: C-1-06-1-03**

**PAGE 1 OF 1**

ESTIMATED TOTAL PROJECT COST      \$24,000,000

**SOURCES OF FUNDING:**

Prior Appropriation (Acts of    )

State Appropriation Requested

ANNUAL\*  
PAYMENT

Bonding Authority (Acts of 1965)

Bonding Authority (Acts of 1929)

Bonding Authority (Acts of 1927)

Lease Purchase

Other Student Fees and External

Fundraising  
(specify)

\$24,000,000

\$ 2,050,164 (see note)

\*Annual payment based on assumed 20 years @ 5.75%.

**EXPLANATION OF ANY UNIQUE FUNDING FEATURES:**

The cost of the project will be paid from a student recreation fee assessed all students, enrolled in 6 or more credit hours, effective for the fall 2006 semester. Of the \$24,000,000 project cost, \$5,500,000 is to be contributed from external fundraising.

**NOTE:**

The actual financing plan may reflect a longer duration of debt service payments.





**INDIANA STATE UNIVERSITY  
ATTACHMENT C  
Space Data  
NEW CONSTRUCTION**

**BUDGET AGENCY NUMBER: C-1-06-1-03**

**PAGE 1 OF 1**

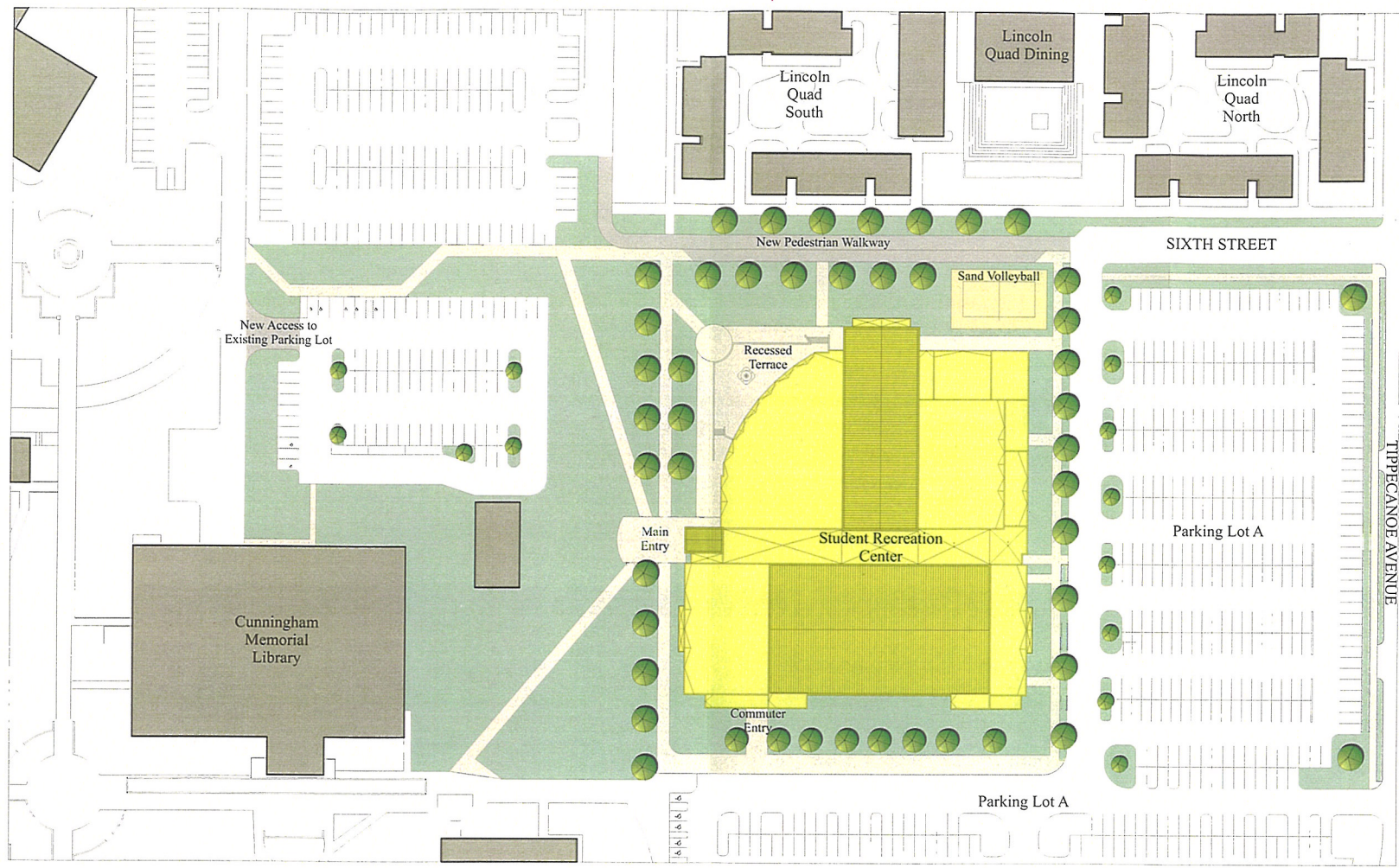
	<u>Room Type<sup>(a)</sup></u>	<u>Current Space in Use</u>	<u>Space Under Construction<sup>(b)</sup></u>	<u>Space Planned And Funded</u>	<u>Subtotal Current &amp; Future Space</u>	<u>Space To Be Terminated As A Result Of This Request</u>	<u>Space in New Request</u>	<u>Net Total Future Space</u>
(110 & 115)	Classroom	106,403			106,403			106,403
(210, 215, 220, 225, 230, 235)	Class Lab	230,949			230,949		733	231,682
(250 & 255)	Nonclass Lab	66,135	3,668		69,803			69,803
300	Office Facilities	407,244	14,363		421,607		2,493	424,100
400	Study Facilities	155,960			155,960			155,960
500	Spec Use Facilities	198,604			198,604		65,697	264,301
600	General Use Facilities	82,556			82,556		2,416	84,972
700	Support Facilities	183,691			183,691			183,691
800	Health Care Facilities	10,482			10,482			10,482
900	Resident Facilities	3,580			3,580			3,580
000	Unclassified	92,921			92,921			92,921
	Total	1,538,525	18,031		1,556,556		71,339	1,627,895

(a) Room type classification should follow the categories defined in the Commission's Facilities Inventory and Space Utilization Report.

(b) Identify in footnote the specific facilities that are included in the data in these columns.

Space under construction (renovation) is the Business Incubation and Development Outreach Facility gifted to the University by the Indiana State University Foundation.  
The data contained in Attachment C was accurate as of January 12, 2006.

Include only space currently in the campus inventory plus new space that has already been authorized, whether it is under construction or not.  
Only if the proposed project is dependent on another proposed project should the latter project's space data be included in this data.



Site Plan  
*Student Recreation Center*

**Hastings+Chivetta**  
 ARCHITECTS • PLANNERS • INTERIOR DESIGNERS

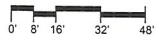
Schematic Design: January 6, 2006





Building Elevations  
*Student Recreation Center*

**Hastings+Chivetta**  
ARCHITECTS • PLANNERS • INTERIOR DESIGNERS



Schematic Design: January 6, 2006



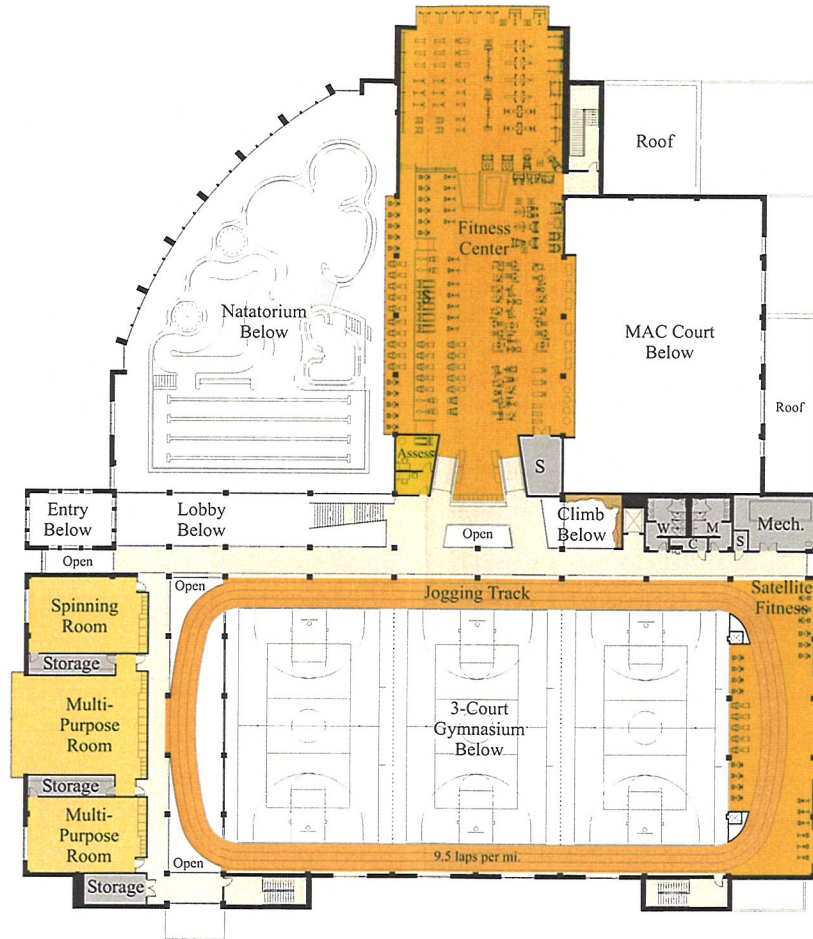
# First Floor Plan *Student Recreation Center*



**Hastings+Chivetta**  
 ARCHITECTS • PLANNERS • INTERIOR DESIGNERS

Schematic Design: January 6, 2006





Second Floor Plan  
*Student Recreation Center*

**Hastings+Chivetta**  
ARCHITECTS • PLANNERS • INTERIOR DESIGNERS

Schematic Design: January 6, 2006



## COMMISSION FOR HIGHER EDUCATION

Friday, February 10, 2006

### INFORMATION ITEM A: Status of Active Requests for New Academic Degree Programs

<u>Institution and Site</u>	<u>Program Title</u>	<u>Date Received</u>	<u>Status</u>
1. ITCCI-South Bend	A.S. in Education	04/28/04	On February agenda for action.
2. Purdue-North Central	B.S. in Nursing (Generic)	10/13/04	Awaiting additional information from Purdue.
3. ITCCI-Terre Haute	A.S. in Education	12/29/04	On February agenda for action.
4. ITCCI-Indianapolis	A.F.A. in Fine Art	03/07/05	On February agenda for action.
5. VU-Vincennes & Jasper	A.A.S./A.S. in Education – Teaching Paraprofessional	05/26/05	On February agenda for action.
6. Purdue @ IPFW	B.S. in Interior Design	07/11/05	Under CHE review.
7. IU-Bloomington	M.S. in Biotechnology	10/17/05	On February agenda for action.
8. ITCCI-Terre Haute @ the Rockville and Putnamville Correctional Facilities	A.A.S./A.S. in Computer Information Systems	11/02/05	Under CHE review.
9. IU South Bend	B.S. in Biochemistry	11/14/05	Under CHE review.
10. IU Bloomington	Ph.D. in Gender Studies	11/14/05	Under CHE review.
11. IU Kokomo	B.S. in Early Childhood Education	11/14/05	Under CHE review.
12. ITCCI-Columbus	T.C./A.A.S. in Ophthalmic Technology	11/15/05	Under CHE review.
13. Purdue @ IPFW	B.S. in Civil Engineering	11/28/05	Under CHE review.
13. Purdue-Fort Wayne	M.S. in Technology	12/21/05	Under CHE review.
14. Purdue-Indianapolis	B.S. in Biomedical Engineering Technology	12/21/05	Under CHE review.
15. VU-Indianapolis	T.C./A.A.S. in Apprenticeship Technology (Pipefitters)	01/12/06	On February agenda for action.
16. ITCCI-Gary @ Valpo, Evansville	A.S. in Pre-Engineering	01/17/06	Under CHE review.
17. ITCCI-Evansville	A.S. in Early Childhood Education	01/25/06	Under CHE review.





## COMMISSION FOR HIGHER EDUCATION

Friday, February 10, 2006

### INFORMATION ITEM B: Capital Improvement Projects on Which Staff Have Acted

In accordance with existing legislation, the Commission is expected to review and make a recommendation to the State Budget Committee for:

- (1) each project to construct buildings or facilities that has a cost greater than \$500,000;
- (2) each project to purchase or lease-purchase land, buildings, or facilities the principal value of which exceeds \$250,000;
- (3) each project to lease, other than lease-purchase, a building or facility, if the annual cost exceeds \$150,000; and
- (4) each repair and rehabilitation project if the cost of the project exceeds (a) \$750,000, if any part of the cost of the project is paid by state appropriated funds or by mandatory student fees assessed all students, and (b) \$1,000,000 if no part of the cost of the project is paid by state appropriated funds or by mandatory student fees assessed all students.

Projects of several types generally are acted upon by the staff and forwarded to the Director of the State Budget Agency with a recommendation of approval; these projects include most allotments of appropriated General Repair and Rehabilitation funds, most projects conducted with non-State funding, most leases, and requests for project cost increase. The Commission is informed of such actions at its next regular meeting. During the previous month, the following projects were recommended by the Commission staff for approval by the State Budget Committee.

#### I. REPAIR AND REHABILITATION

F-0-06-6-03 Ivy Tech Community College of Indiana  
General Repair and Rehabilitation  
Project cost: \$368,413

Ivy Tech Community College of Indiana requests authorization to proceed with several general repair and rehabilitation projects. The projects would be funded from the 2005-07 general repair and rehabilitation appropriation. This represents one quarter of the biennial appropriation to Ivy Tech Community College of Indiana for general R&R. This is the second draw for ITCCI for the biennium. They have now drawn 50% of their biennial appropriation for R&R.

B-1-06-2-09 Purdue University West Lafayette  
Stewart Center Partial Roof Replacement and Masonry Repair  
Project cost: \$1,268,700

Purdue University seeks approval to proceed with the repairs to the Stewart Center Library. Repairs include roofing, guttering, and masonry repair. The project would be funded through R&R funds.

B-1-06-2-11    Purdue University West Lafayette  
Wetherill Laboratory of Chemistry Electrical Upgrade  
Project cost: \$2,000,000

Purdue University seeks approval to proceed with a project to upgrade the electrical switchgear and feeder to building distribution panels and replace and add electrical distribution panels throughout the building. The project would be funded through R&R funds.

## II. NEW CONSTRUCTION

None.

## III. LEASES

None.

## IV. LAND ACQUISITION

None.

## COMMISSION FOR HIGHER EDUCATION

Friday, February 10, 2006

### INFORMATION ITEM C: Capital Improvement Projects Awaiting Action

Staff is currently reviewing the following capital projects. Relevant comments from the Commission or others will be helpful in completing this review. Two forms of action may be taken.

- (1) Staff Action. Staff action may be taken on the following types of projects: most projects funded from General Repair and Rehabilitation funding, most lease agreements, most projects which have been reviewed previously by the Commission, and many projects funded from non-State sources.
- (2) Commission Action. The Commission will review new capital requests for construction and major renovation, for lease-purchase arrangements, and for other projects which either depart from previous discussions or which pose significant state policy issues.

#### I. NEW CONSTRUCTION

A-1-97-1-01     Indiana University Bloomington  
Lecture Hall (Classrooms Associated with the Graduate School of Business)  
Project Cost: \$10,500,000

Indiana University requests authorization to proceed with the construction of five lecture halls and various support spaces. The 31,120 ASF project is related to the Graduate School of Business and Associated Renovation Project that was partially funded in 1997-99 and 1999-01. The project will be funded from bonds authorized by the 2001 General Assembly.

F-0-04-1-10     Ivy Tech Community College of Indiana  
Logansport Planning  
Project Cost: \$300,000

Ivy Tech Community College of Indiana requests authority to proceed with architectural planning for a new construction project at a site in Logansport. The project would be funded from a 2005 General Assembly cash appropriation.

F-0-02-1-11     Ivy Tech Community College of Indiana  
Fort Wayne Technology Center Planning  
Project Cost: \$2,500,000

Ivy Tech Community College of Indiana requests authority to proceed with architectural planning for a new construction project at a site in Fort Wayne. The project would be funded from a 2005 General Assembly cash appropriation.

B-3-06-1-12 Indiana University – Purdue University Fort Wayne  
Student Services and Library Complex A&E  
Project cost: \$2,400,000

Purdue University seeks authorization to proceed with the planning of a Student Services and Library Complex on the Fort Wayne campus. The project would be funded from a 2005 General Assembly appropriation.

G-0-05-1-02 University of Southern Indiana  
Recreation and Fitness Center Expansion – Phase II  
Project cost: \$7,250,000

The University of Southern Indiana seeks authorization to construct Phase II of the Recreation and Fitness Center. The 25,912 ASF facility would cost \$7,250,000 and be funded through 2005 General Assembly bonding authority. The project would not receive fee replacement or plant expansion.

A-9-06-1-07 Indiana University Southeast  
University Center North Building Expansion  
Project cost: \$1,800,000

Indiana University seeks authorization to proceed with a two-story addition to University Center North of the Indiana University Southeast campus. The project would be funded through Capital Projects/Land Acquisition and Auxiliary Reserves.

## II. REPAIR AND REHABILITATION

None.

## III. LEASES

None.